

Product Datasheet

Recombinant Human, Bat, Feline, Guinea Pig, Mammal, Mink, Monkey CXCL12/SDF-1 Protein NBP3-57562-25ug

Unit Size: 25 ug

Store at -20C. Avoid freeze-thaw cycles.

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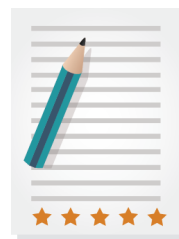
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NBP3-57562-25ug

Recombinant Human, Bat, Feline, Guinea Pig, Mammal, Mink, Monkey CXCL12/SDF-1 Protein

Product Information

Unit Size	25 ug
Concentration	Lyoph
Storage	Store at -20C. Avoid freeze-thaw cycles.
Preservative	10% Trehalose
Reconstitution Instructions	Reconstitute in sterile PBS with at least 0.1% carrier protein
Purity	>98%, by SDS-PAGE
Buffer	Lyophilized in 1-5X PBS containing 10% Trehalose
Target Molecular Weight	7.6 kDa

Product Description

Description	A recombinant protein corresponding to 73 aa of Bat,Feline,Guinea Pig,Human,Mammal,Mink,Monkey CXCL12/SDF-1. Source: Yeast Amino Acid Sequence: <i>GKPVLSYRC PCRFFESHVA RANVKHLKIL NTPNCALQIV ARLKSNNRQV CIDPKLKWIQ EYLEKALNKR FKM (73)</i> Stable for up to 12 months from date of receipt at -20C. Stable for 3 months when stored in working aliquots with a carrier protein at -20C. Avoid repeated freeze/thaw cycles.
Gene ID	6387
Gene Symbol	CXCL12
Species	Human, Bat, Feline, Guinea Pig, Mammal, Mink, Monkey



Reactivity Notes	Dolphin, Marmoset Species with 100% Homology: Tursiops truncatus (common bottlenose dolphin) Macaca fascicularis (crab-eating macaque) Rousettus aegyptiacus (Egyptian rousette) Desmodus rotundus (common vampire bat) Artibeus jamaicensis (Jamaican fruit-eating bat) Sturnira hondurensis (Honduran Yellow-shouldered Bat) Neogale vison (American mink) Acinonyx jubatus (cheetah) Aotus nancymae (Ma's night monkey) Apodemus sylvaticus (European woodmouse) Arvicanthus niloticus (Nile rat) Balaenoptera acutorostrata (minke whale) Balaenoptera musculus (blue whale) Callithrix jacchus (white-tufted-ear marmoset) Carlito syrichta (Philippine tarsier) Cebus imitator (Panamanian white-faced capuchin) Choloepus didactylus (southern two-toed sloth) Chlorocebus sabaeus (Cercopithecus sabaeus) Dasypus novemcinctus (nine-banded armadillo) Delphinapterus leucas (beluga whale) Delphinus delphis (saddleback dolphin) Echinops telfairi (small Madagascar hedgehog) Enhydra lutris kenyoni (northern sea otter) Eubalaena glacialis (North Atlantic right whale) Globicephala melas (long-finned pilot whale) Gorilla gorilla gorilla (western lowland gorilla) Gulo gulo luscus (American wolverine) Hyaena hyaena (striped hyena) Hylobates moloch (silvery gibbon) Hylobates moloch (silvery gibbon) Kogia breviceps (pygmy sperm whale) Lagenorhynchus albirostris (white-beaked dolphin) Lagenorhynchus obliquidens (Pacific white-sided dolphin) Leopardus geoffroyi (Geoffroy's cat) Lipotes vexillifer (Yangtze River dolphin) Lontra canadensis (Northern American river otter) Lutra lutra (Eurasian river otter) Lynx canadensis (Canada lynx) Macaca mulatta (Rhesus monkey) Macaca nemestrina (pig-tailed macaque) Meles meles (Eurasian badger) Mesoplodon densirostris (Blainville's beaked whale) Monodon monoceros (narwhal) Nannospalax galili (Upper Galilee mountains blind mole rat) Neofelis nebulosa (Clouded leopard) Neophocaena asiaeorientalis asiaeorientalis (Yangtze finless porpoise) Nomascus leucogenys (northern white-cheeked gibbon) Orcinus orca (killer whale) Pan paniscus (pygmy chimpanzee) Pan troglodytes (chimpanzee) Panthera leo (lion) Panthera onca (jaguar) Panthera pardus (leopard) Panthera tigris (tiger) Panthera uncia (snow leopard) Papio anubis (olive baboon) Phocoena phocoena (harbor porpoise) Phocoena sinus (vaquita) Phyllostomus discolor (pale spear-nosed bat) Physeter catodon (sperm whale) Ptilocolobus tephrosceles (Ugandan red Colobus) Pongo abelii (Sumatran orangutan) Pongo pygmaeus (Bornean orangutan) Prionailurus bengalensis (leopard cat) Prionailurus viverrinus (fishing cat) Puma yagouaroundi (jaguarundi) Rhinopithecus bieti (black snub-nosed monkey) Rhinopithecus roxellana (golden snub-nosed monkey) Saimiri boliviensis boliviensis (Bolivian squirrel monkey) Sapajus apella (tufted capuchin) Suricata suricatta (meerkat) Theropithecus gelada (gelada) Trachypithecus francoisi (Francois's langur) Tupaia chinensis (Chinese tree shrew)
Endotoxin Note	No affinity tags & naturally endotoxin-free
Product Application Details	
Applications	Western Blot, Cell Culture, ELISA Standard (Matched Pair), Enzyme-linked Immunosorbent Spot
Recommended Dilutions	Western Blot, Enzyme-linked Immunosorbent Spot ELISPOT, ELISA Standard (Matched Pair) ELISA(Sta), Cell Culture





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 1 year from date of receipt.

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