

Specifications:

Gene:	hSLIT3
Accession:	NP_003053
Insert size:	4585bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

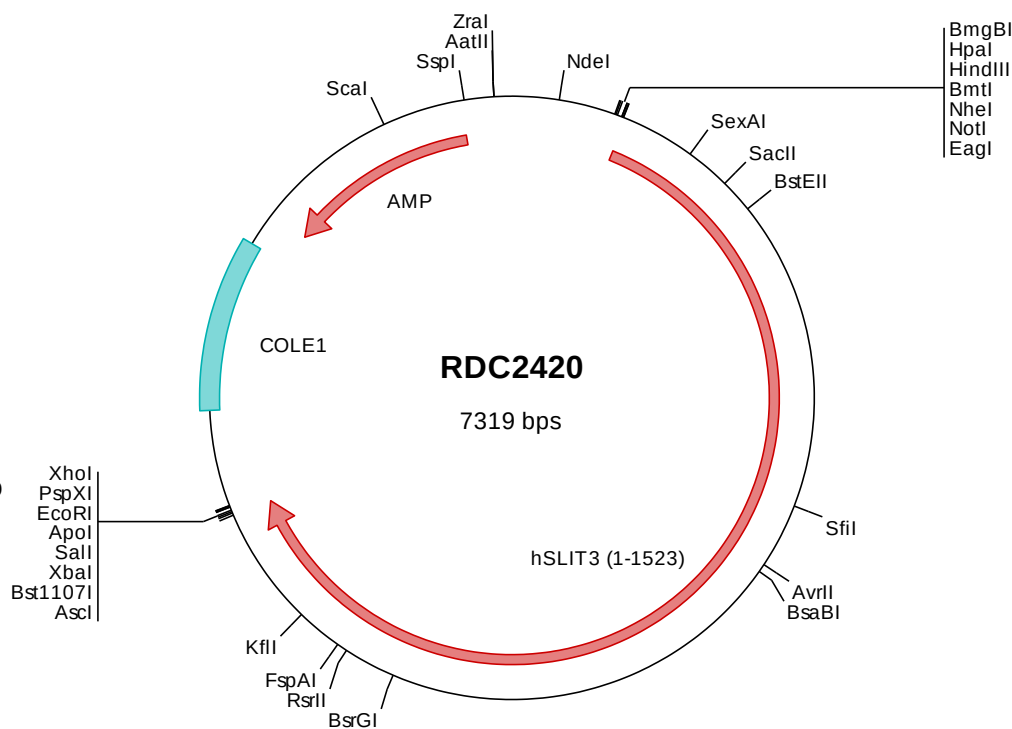
hSlit3 cDNA Plasmid

SLIT3 slit guidance ligand 3
[*Homo sapiens* (human)]

Also known as: MEGF5; SLIL2;
SLIT1; slit2; Slit-3

Summary:

Slit3 is a secreted protein and a member of the slit family of large secreted axon guidance molecules that are ligands for Robo receptors. During development, Slit3 is expressed in the ventral neural tube, developing sensory organs, limb buds and developing areas of the limbs in patterns that overlap with but are discrete from Slit1 and Slit2. Slit3 is also expressed in the lung, kidney, skeletal muscle and heart, both during development and postnatally. Alternatively spliced transcripts encoding different proteins have been described.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2420 Translated Insert Sequence

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1  mapgwagvga avrarlalal alasvlsppp avacptkctc saasvdchgl glravprgip rnaerldldr nnitritkmd faglknlrvl hlednqvsvi
101 ergafqdlkq lerlrlnkkn lqvlPELLfQ stpkltrldl senqigqgip kafrgitdvk nlqldnnhis ciedgafral rdleiltltn nnisrilvts
201 fnhmpkirtl rlhsnhlycd chlawlsdwl rqrtrvgqft lomapvhlrg fnvadvgkke yvcphphsep pscnansisc pspctcsnni vdcrgkglme
301 ipanlpegiv eirleqnsik aipagaftqy kklkridisk ngisdiapda fggklsltsl vlygnkitei akglfdglvs lqllllnank inclrvntfq
401 dlqnlnlsl ydnklqtisk glfaplsiq tlhlaqnpfv cdchlkwlad ylgdnpiets garcssprl ankrisqiks kkfrcsqsed yrsrfssecf
501 mdlvcpekr cegtivdcsn qklvripshl peyvtdlrln dnevsvleat gifkklpnlr kinlsnnkik evregafdga asvqelmltg nqletvhgrv
601 frglsglktl mlrsnligcv sndtfaglss vrllslydnr ittittpgaft tlvslstinl lsnpfncnch lawlgkwlrk rrvsgnprc qkpfllkeip
701 iqdvaiqdfc cdgneesscq lsprcpeqct cmetvvrscn kglralprgm pkdvtelye gnhltavpre lsalrhltli dlsnnsism tnytfsnmsh
801 lstlilsynr lrcipvhafn glrslrvltl hgndissvpe gsfnldtsls hlaigtntlh cdcslrwlse wvkagykepg iarcsspepm adrlllttpt
901 hrfqckgpvd inivakcnac lsspcknngt ctqdpvelyr caccpysykgk dcvtpintci qnpcqhggc hlssdshkdgf scscplgfeg qrcinppddc
1001 edndcennat cvdginnyvc icppnytgel cdevidhcvp elnlcqheak cipldkgfs ecvpgysgkl cetdnddcva hkrhgaqcv dtingytctc
1101 pqgfgspfc hpppmvllqt spcdqyecqn gagcivvqge ptercppgfa gprceklitv nfvgkdsyve lasakvrpqa nislqvatk dngillykgd
1201 ndplalelyq ghvrlvydsl ssppttvysv etvndgqfhs velvtlnqtl nlvvdkgtpk slgklqkqpa vginsplylg giptstglisa lrqgtdrplg
1301 gfhgcihevr innelqdfka lppqslgvsp gckscvckh glcrsvekds vvcecrpgwt gplcdgeard pclghrchhg kcvatgtsym ckcaegyggd
1401 lcdnkndsac acsafkchhg qchisdqgep yclcqpgfsg ehcqqenpcl gqvrvrevir qkgyascata skvpimecrg gcgpcqccpt rskrrkyvfq
1501 ctdgssfvee verhlecgcl acs

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