

Product Datasheet

Recombinant Human Mre11 GST (N-Term) Protein H00004361-P01-10ug

Unit Size: 10 ug

Store at -80C. Avoid freeze-thaw cycles.

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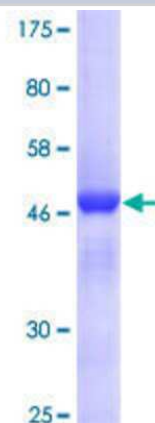


H00004361-P01-10ug**Recombinant Human Mre11 GST (N-Term) Protein**

Product Information	
Unit Size	10 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	48.4 kDa
Product Description	
Description	<p>Recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-206 of Human MRE11A</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: MSTADALDDENTFKILVATDIHLGFM EKDAVRGNDTFVTLDEILRLAQENEVDFI LLGGDLFHENKPSRKTLHTCLELLRKYCMGDRPVQFEILSDQSVNFGFSKFPW VNYQDGNLNISIPVFSIHGNHDDPTGADALCALDILSCAGFVNHFGSRMSVEKID ISPVLLQKGRTKIALYGLGSIPDERLYRMFVNKKVTMLRPKED</p>
Gene ID	4361
Gene Symbol	MRE11
Species	Human
Preparation Method	in vitro wheat germ expression system
Details of Functionality	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Protein Array, SDS-Page, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, SDS-Page, Protein Array, Immunoaffinity Purification

Images

SDS-Page: Recombinant Human Mre11 Protein [H00004361-P01] - Analysis of with a 12.5% SDS-PAGE gel stained with Coomassie Blue. A band appears at the theoretical molecular weight of 48.4 kDa.



Publications

Lee KC, Padget K, Curtis H et al. MRE11 facilitates the removal of human topoisomerase II complexes from genomic DNA. *Biology Open*. 2012-01-01 [PMID: 23213480]



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Products Related to H00004361-P01-10ug

NB100-56339PEP	Mre11 Antibody Blocking Peptide
NB100-304	53BP1 Antibody - BSA Free
NB100-142	Mre11 Antibody
NB100-143	Nbs1 Antibody

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 3 months from date of receipt.

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