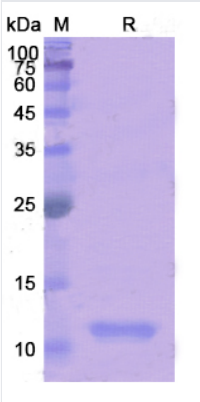
LAMTOR5 Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	LAMTOR5, Recombinant Protein
Full Product Name	Recombinant Human LAMTOR5, N-His
Product Gene Name	LAMTOR5 recombinant protein
Product Synonym Names	HBX-interacting protein; Late endosomal/lysosomal adaptor and MAPK and MTOR activator 5; HBXIP; LAMTOR5; HBV X-interacting protein; XIP; Ragulator complex protein LAMTOR5; Hepatitis B virus X-interacting protein
Host	E coli
Form/Format	Lyophilized from a solution in PBS pH7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.
Purity/Purification	>90% as determined by SDS-PAGE
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 degree C for one week. Store at -20 to -80 degree C for twelve months from the date of receipt.
Molecular Weight	10kDa
Sequence Positions	Met1-Ser91
Chromosome Location	Chromosome: 1; NC_000001.10 (110943875..110950546, complement). Location: 1p13.3
OMIM	608521
3D Structure	ModBase 3D Structure for O43504
Species	Human
Reconstitution	Reconstitute in sterile water for a stock solution.
Product Categories/Family for LAMTOR5 recombinant protein	Recombinant Proteins
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for LAMTOR5 recombinant protein	SDS-PAGE (SDS), Western Blot (WB), ELISA (EIA), Immunogen
Related Product Information for LAMTOR5 recombinant protein	MBS1572580 is a recombinant protein targeting LAMTOR5. Also known as Recombinant Human LAMTOR5, N-His. Host: E coli.
Other Notes	Small volumes of LAMTOR5 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



SDS-Page of LAMTOR5 recombinant protein
SDS PAGE for recombinant Human LAMTOR5 protein

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LAMTOR5. It may not necessarily be applicable to this product.

NCBI GI #	38788353
NCBI GeneID	10542
NCBI Accession #	NP_006393.2
UniProt Primary Accession #	O43504
UniProt Secondary Accession #	Q6IBD8
UniProt Related Accession #	O43504
GenBank Nucleotide #	NM_006402.2
NCBI Official Full Name	ragulator complex protein LAMTOR5
NCBI Official Synonym Full Names	late endosomal/lysosomal adaptor, MAPK and MTOR activator 5
NCBI Official Symbol	LAMTOR5
NCBI Official Synonym Symbols	XIP; HBXIP
UniProt Protein Name	Ragulator complex protein LAMTOR5
UniProt Synonym Protein Names	Hepatitis B virus X-interacting protein; HBV X-interacting protein; HBX-interacting protein; Late endosomal/lysosomal adaptor and MAPK and MTOR activator 5
Protein Family	Ragulator complex protein
UniProt Gene Name	LAMTOR5
UniProt Synonym Gene Names	HBXIP; XIP; HBV X-interacting protein
UniProt Entry Name	LTOR5_HUMAN
NCBI Protein Information	ragulator complex protein LAMTOR5; HBx-interacting protein; HBV X-interacting protein; hepatitis B virus x interacting protein; hepatitis B virus x-interacting protein (9.6kD); late endosomal/lysosomal adaptor and MAPK and MTOR activator 5
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