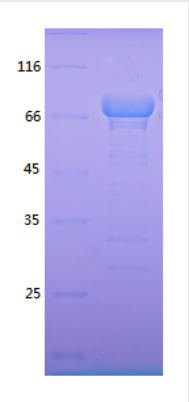
HSPA5 Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	HSPA5, Recombinant Protein
Full Product Name	Recombinant Human HSPA5
Product Gene Name	HSPA5 recombinant protein
Product Synonym Names	Endoplasmic reticulum chaperone BiP; EC 3.6.4.10; 78 kDa glucose-regulated protein; GRP-78; Binding-immunoglobulin protein; BiP; Heat shock protein 70 family protein 5; HSP70 family protein 5; Heat shock protein family A member 5; Immunoglobulin heavy chain-binding protein; GRP78
Host	E Coli
Form/Format	Lyophilized from a 0.2um filtered solution in PBS with 5% trehalose, pH7.4
Purity/Purification	Greater than 95% by SDS-PAGE gel analyses
Preparation and Storage	Store at -20 degree C for 12 months as lyophilized; 2-8 degree C for 1 month under sterile conditions after reconstitution
Molecular Weight	72,333 Da
Sequence Positions	19-654aa
Chromosome Location	Chromosome: 9; NC_000009.11 (127997127..128003666, complement). Location: 9q33.3
OMIM	138120
3D Structure	ModBase 3D Structure for P11021
Species	Human
Tag	His tag
Reconstitution	Sterile distilled water
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Applications Tested/Suitable for HSPA5 recombinant protein	Western Blot (WB), ELISA (EIA)
Related Product Information for HSPA5 recombinant protein	MBS7608352 is a recombinant protein targeting HSPA5. Also known as Recombinant Human HSPA5. Host: E Coli.
Other Notes	Small volumes of HSPA5 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.



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SDS-Page

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HSPA5. It may not necessarily be applicable to this product.

NCBI GI #	16507237
NCBI GeneID	3309
NCBI Accession #	NP_005338.1
UniProt Primary Accession #	P11021
UniProt Secondary Accession #	Q2EF78; Q9NPF1; Q9UK02; B0QZ61
UniProt Related Accession #	P11021
GenBank Nucleotide #	NM_005347.4
NCBI Official Full Name	78 kDa glucose-regulated protein
NCBI Official Synonym Full Names	heat shock 70kDa protein 5 (glucose-regulated protein, 78kDa)
NCBI Official Symbol	HSPA5
NCBI Official Synonym Symbols	BIP; MIF2; GRP78
UniProt Protein Name	78 kDa glucose-regulated protein
UniProt Synonym Protein Names	Endoplasmic reticulum lumenal Ca(2+)-binding protein grp78; Heat shock 70 kDa protein 5; Immunoglobulin heavy chain-binding protein
Protein Family	Transmembrane protein
UniProt Gene Name	HSPA5
UniProt Synonym Gene Names	GRP78; GRP-78; BiP
UniProt Entry Name	GRP78_HUMAN
NCBI Protein Information	78 kDa glucose-regulated protein; immunoglobulin heavy chain-binding protein; endoplasmic reticulum lumenal Ca(2+)-binding protein grp78
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

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