Hereditary Hemochromatosis Protein Homolog (HFE) Dicerorhinus Sumatrensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Hereditary hemochromatosis protein homolog (HFE), Recombinant Protein
Full Product Name	Recombinant Dicerorhinus sumatrensis Hereditary hemochromatosis protein homolog (HFE)
Product Gene Name	HFE recombinant protein
Product Synonym Names	Hereditary hemochromatosis protein homolog
Sequence	RPPRSHSLRY LFMGASERDH GLPLFEALGY VDDELFVAYN HESRRAESRA QWVLGEAHSQ LWLQLSQSLK GWDHMFIVDF WTIMDNHNHS KESHTLQVIL GCEVQEDNST RGFWKYGYDG QDHLEFCPET LDWRAAESRA LTTKLEWEVN KIRAKQNRAY LERDCPEQLQ WLLELGRGVL DQQVPPLVKV THHVASAVTT LRCQALNFYP QNITMRWLKD RKPVDVKDAE SKDVLPSGDG TYQSWVALAV PPGEEQRYTC QVEHPGLDQP LTATWEPSLS NTLV
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	39,740 Da
Sequence Positions	23-306aa, Partial
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q9GL42
Species	Dicerorhinus sumatrensis (Sumatran rhinoceros)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for HFE recombinant protein	MBS1306595 is a recombinant protein targeting HFE. Also known as Recombinant Dicerorhinus sumatrensis Hereditary hemochromatosis protein homolog (HFE). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of HFE 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.

ADDITIONAL DETAILS

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

NCBI GI #	24418448
NCBI Accession #	Q9GL42.1
UniProt Primary Accession #	Q9GL42
NCBI Official Full Name	Hereditary hemochromatosis protein homolog

UniProt Protein Name	Hereditary hemochromatosis protein homolog
Protein Family	Hereditary hemochromatosis protein
UniProt Gene Name	HFE
UniProt Entry Name	HFE_DICSU
UniProt Comments for HFE	Binds to transferrin receptor (TFR) and reduces its affinity for iron-loaded transferrin.
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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