

Recombinant Rabbit MFI2 Protein (20-710 aa), His-SUMO-tagged

Cat. No. MFI2-653R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rabbit MFI2 Protein (20-710 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Partial.
Species	Rabbit
Source	E.coli
ProteinLength	20-710 aa
Description	Involved in iron cellular uptake. Ses to be internalized and then recycled back to the cell mbrane. Binds a single atom of iron per subunit. Could also bind zinc.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	91.7 kDa
AA Sequence	SVEVRWCTASEPEQQKCEDMSQAFREAGLQPALLCVQGTSADHCVQLIAAHEADAI TLDGGAIYEAGKEHGLKPVVGEVYDQEVGTSYYAVAVVKRSSNVTINTLRGVKSCHT GINRTVGWNVPGYLVDSGRLSVMGCDVLKAVSEYFGGSCVPGAGETRYSESLCR LCRGDTSGEGVCDKSPLEYYDYSGAFRCLAEGAGDVAFVKHSTVLENTDGRTLPS WGHMLMSRDFELLCRDGSRASVTEWQHCHLARVPAHAVVVRADTDAGLIFRLLNE GQRLFSHEGSSFQMFSSAYGQKNLLFKDSTLELVPIATQTYEAWLGPEYLHAMKG LLCDPNRLPPYLRWCVLSTPEIQKCGDMAVAFAFSRQRLKPEIQCVAESPQHCMEQI

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QAGHIDAVTLNGEDIHTAGKTYGLIPAAGELYAADDRSNSYFVVAVVKRDSAYAFTV
 DELRGKRSCHPGFGSPAGWDVPVGLIHGWYIRPRNCVLTAVGQFFNASCVPVN
 NPKKYPSLALCVGDEQGRNKCTGNSQERYYGDSGAFRCLVEGAGDVAFVKHTT
 IFDNTNGHNPEPWAHLRSQDYELLCPNGARAEAHQFAACNLAQIPSHAVMVRPDT
 NIFTVYGLLDKAQDLFGDDHNKNGFKMFDSSSYHGRDLLFKDATVRAVPVGERTTY
 QDWLGPDYVAALEGMQSQRCS

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

Gene Name MFI2 antigen p97 (melanoma associated) identified by monoclonal antibodies 133.2 and 96.5 [*Oryctolagus cuniculus*]

Official Symbol MFI2

Synonyms MFI2; melanotransferrin; p97;

Gene ID 100008603

mRNA Refseq NM_001081992

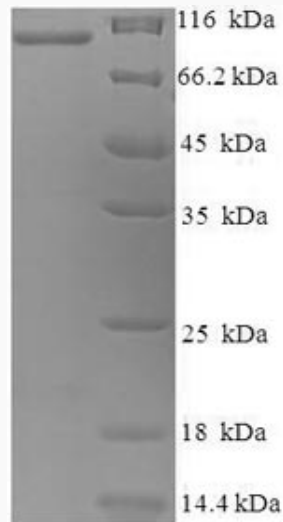
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Protein Refseq NP_001075461

UniProt ID O97490



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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