

Recombinant Human MFI2 protein(Met1-Gln708), His-tagged

Cat. No. MFI2-3295H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MELTF (P08582-1) (Met1-Gln708) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Gln708
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human MELTF consists of 706 amino acids and predicts a molecular mass of 77.47 kDa. It migrates as an approximately 86.89 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	MFI2 antigen p97 (melanoma associated) identified by monoclonal antibodies 133.2 and 96.5 [Homo sapiens]
Official Symbol	MFI2
Synonyms	MFI2; antigen p97 (melanoma associated) identified; melanotransferrin; CD228; FLJ38863; MAP97; membrane bound transferrin like protein; MGC4856; MTF1; membrane-bound transferrin-like protein; melanoma-associated antigen p97, isoform 2;
Gene ID	4241
mRNA Refseq	NM_005929
Protein Refseq	NP_005920
MIM	155750
UniProt ID	P08582

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