

Recombinant Mouse Meltf Protein, Myc/DDK-tagged

Cat. No. Meltf-4030M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length melanotransferrin (Meltf), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Involved in iron cellular uptake. Seems to be internalized and then recycled back to the cell membrane. Binds a single atom of iron per subunit. Could also bind zinc.
Molecular Mass	81.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Melft melanotransferrin [Mus musculus (house mouse)]
Official Symbol	Melft
Synonyms	Melft; melanotransferrin; MTf; Mfi; Mfi2; CD228; melanotransferrin; antigen p97 (melanoma associated) identified by monoclonal antibodies 133.2 and 96.5; membrane-bound transferrin-like protein p97
Gene ID	30060
mRNA Refseq	NM_013900
Protein Refseq	NP_038928
UniProt ID	Q9R0R1

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