

Recombinant Human MELTF Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MELTF-2632H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MFI2 MS Standard C13 and N15-labeled recombinant protein (NP_005920) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a cell-surface glycoprotein found on melanoma cells. The protein shares sequence similarity and iron-binding properties with members of the transferrin superfamily. The importance of the iron binding function has not yet been identified. This gene resides in the same region of chromosome 3 as members of the transferrin superfamily. Alternative splicing results in two transcript variants.
Molecular Mass	80.21 kDa
AA Sequence	MRGPSGALWLLLALRTVLGGMEVRWCATSDPEQHKCGNMSEAFREAGIQPSLLCV RGTSADHCVQLIAAQEADAITLDGGAIYEAGKEHGLKPVVGVEYDQEVGTSYYAVAV VRRSSHVTIDTLKGVKSCHTGINRTVGWNVPVGYLVESGRLSVMGCDVLKAVSDYF GGSCVPGAGETSYSESLCRLCRGDSSGEGVCDKSPLEYYDYSGAFRCLAEGAGD VAFVKHSTVLENTDGKTLPSWGQALLSQDFELLCRDGSRADVTEWRQCHLARVPA HAVVVRADTDGGLIFRLLNEGQRLFSHEGSSFQMFSSSEAYGQKDLLFKDSTSELPVI ATQTYEAWLGHEYLHAMKGLLCDPNRLPPYLRWCVLSTPEIQKCGDMAVAFRRQR

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LKPEIQCVSAKSPQHCMERIQAEQVDAVTLSGEDIYTAGKTYGLVPAAGEHYAPEDS
 SNSYYVVAVVRRDSSHAFTLDELRGKRSCHAGFGSPAGWDVPVGALIQRGFIRPKD
 CDVLTAVSEFFNASCVPVNNPKNYPSSLCALCVGDEQGRNKC VGNSQERYYYGYRG
 AFRCLVENAGDVAFVRHTTVFDNTNGHNSEPWAAELRSEDYELLCPNGARAEVSQ
 FAACNLAQIPPHAVMVRPDTNIFTVYGLLDKAQDLFGDDHNKNGFKMFDSSNYHGQ
 DLLFKDATVRAVPVGEKTTYRGWLGLDYVAALEGMSQQCSGAAAPAPGAPLLPLL
 LPALAAARLLPPALTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name MELTF melanotransferrin [Homo sapiens (human)]

Official Symbol MELTF

Synonyms MELTF; melanotransferrin; MTf; MFI2; MTF1; CD228; MAP97; melanotransferrin; antigen p97 (melanoma associated) identified by monoclonal antibodies 133.2 and 96.5; membrane-bound transferrin-like protein

Gene ID 4241

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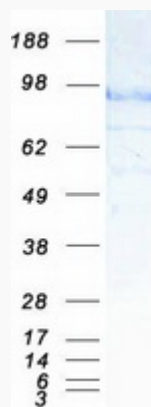
mRNA Refseq [NM_005929](#)

Protein Refseq [NP_005920](#)

MIM [155750](#)

UniProt ID [P08582](#)

SDS-PAGE



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