

Recombinant Full Length Human MELTF Protein, C-Flag-tagged

Cat. No. MELTF-1936HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human MELTF Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	78.2 kDa
AA Sequence	MRGPSGALWLLLALRTVLGGMEVRWCATSDPEQHKCGNMSEAFREAGIQPSLLCV RGTSADHCVQLIAAQ EADAITLDGGAIYEAGKEHGLKPVVGEVYDQEVGTSYYAVA VVRSSHVTIDTLKGVKSCHTGINRTVGW NVPVGYLVESGRLSVMGCDVLKAVSDY FGGSCVPGAGETSYSESLCRLCRGDSSGEGVCDKSPLERYDY SGAFRCLAEGA GDVAFVKHSTVLENTDGKTLPSWGQALLSQDFELLCRDGSRADVTEWRQCHLARV PAHA VVVRADTDGGLIFRLLNEGQRLFSHEGSSFQMFSSSEAYGQKDLLFKDSTSEL

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VPIATQTYEAWLGHEY LH AMKGLLCDPNRLPPYLRWCVLSTPEIQKCGDMAVAFRR
 QRLKPEIQCVSAKSPQHCMERIQAEQVDAVTL SGEDIYTAGKTYGLVPAAGEHYAP
 EDSSNSYYVVAVVRRDSSHAFTLDELRGKRSCHAGFGSPAGWDVPV GALIQRGFI
 RPKDCDVLTA VSEFFNASCVPVNNPNKNYPSSLCALCVGDEQGRNKC VGNSQERY Y
 GYRGAF RCLVENAGDVAFVRHTTVFDNTNGHNSEPWAAELRSEDYELLCPNGARA
 EVSQFAACNLAQIPPHAVMVR PDTNIFTVYGLLDKAQDLFGDDHNKNGFKMFDSSN
 YHGQDLLFKDATVRAVPVGEKTTYRGWLGLDYVAA LEGMSSQQCSGAAAPAPGA
 PLLPLLLPALAARLLPPAL TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

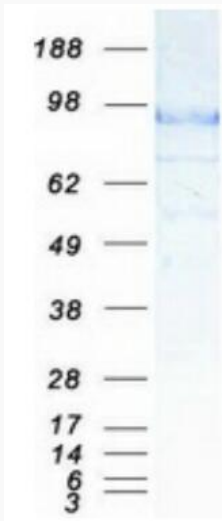
GENE INFORMATION

Gene Name	MELTF melanotransferrin [Homo sapiens (human)]
Official Symbol	MELTF

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Synonyms	MTf; MFI2; MTF1; CD228; MAP97
Gene ID	4241
mRNA Refseq	NM_005929.6
Protein Refseq	NP_005920.2
MIM	155750
UniProt ID	P08582
 Coomassie blue staining of purified MELTF protein.	