

Product datasheet for **TP324600L**

MF12 (MELTF) (NM_005929) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human antigen p97 (melanoma associated) identified by monoclonal antibodies 133.2 and 96.5 (MF12), transcript variant 1, 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC224600 representing NM_005929
Red=Cloning site **Green**=Tags(s)

MRGPSGALWLLLALRTVLGGMEVRWCATSDPEQHKCGNMSEAFREAGIQPSLLCVRGTSADHCVQLIAAQ
EADAITLDGGAIYEAGKEHGLKPVVGVEYDQEVGTSYYAVAVRRSSHVTIDTLKGVKSCHTGINRTV
NVPVGYLVESGRLSVMGCDVLKAVSDYFGGSCVPGAGETSYSESLCRLCRGDSSGEGVCDKSPLE
RYYDYSGAFRCLAEGAGDVAFVKHSTVLENTDGTKLPSWGQALLSQDFELLCRDGSRADVTEWRQ
CHLARVPAHAVVRADTDGGLIFRLLNEGQRLFSHEGSSFQMFSSAYGQKDLLFKDSTSELVPIATQ
TYEAWLGHEYLHAMKGLLCDPNRPPYLRLWCVLSTPEIQKCGDMAVAFRRQRLKPEIQCVSAKSP
QHCMERIQAEQVDAVTLSGEDIYTAGKTYGLVPAAGEHYAPEDSSNSYVAVRRDSSHAFTLDEL
RGKRSCHAGFGSPAGWDVPV GALIQRGFIRPKDCDVLTA VSEFFNASCVPVNNPKNYPSSLCAL
CVGDEQGRNKCVGNSQERYGYRGAF RCLVENAGDVAFVRHTTVFDNTNGHNSEPWAAELRSE
DYELLCPNGARAEVSQFAACNLAQIPPHAVMVR PDTNIFTVYGLLDKAQDLFGDDHNKNGFKM
FDSSNYHGQDLLFKDATVRAVPVGEKTTYRGWLGLDYVAA LEGMSSQQCSGAAAPAPGAPLL
PLLLPALAARLLPPAL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 78.2 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

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

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_005920
Locus ID:	4241
UniProt ID:	P08582
RefSeq Size:	2377
Cytogenetics:	3q29
RefSeq ORF:	2214
Synonyms:	CD228; MAP97; MFI2; MTf; MTF1
Summary:	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. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified MELTF protein (Cat# [TP324600]). The protein was produced from HEK293T cells transfected with MELTF cDNA clone (Cat# [RC224600]) using MegaTran 2.0 (Cat# [TT210002]).