

Product datasheet for TP324600L

OriGene Technologies, Inc.

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MFI2 (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 (MFI2), transcript variant 1, 1 mg

Species: Human Expression Host: HEK293T

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

MRGPSGALWLLLALRTVLGGMEVRWCATSDPEQHKCGNMSEAFREAGIQPSLLCVRGTSADHCVQLIAAQ EADAITLDGGAIYEAGKEHGLKPVVGEVYDQEVGTSYYAVAVVRRSSHVTIDTLKGVKSCHTGINRTVGW NVPVGYLVESGRLSVMGCDVLKAVSDYFGGSCVPGAGETSYSESLCRLCRGDSSGEGVCDKSPLERYYDY SGAFRCLAEGAGDVAFVKHSTVLENTDGKTLPSWGQALLSQDFELLCRDGSRADVTEWRQCHLARVPAHA VVVRADTDGGLIFRLLNEGQRLFSHEGSSFQMFSSEAYGQKDLLFKDSTSELVPIATQTYEAWLGHEYLH AMKGLLCDPNRLPPYLRWCVLSTPEIQKCGDMAVAFRRQRLKPEIQCVSAKSPQHCMERIQAEQVDAVTL SGEDIYTAGKTYGLVPAAGEHYAPEDSSNSYYVVAVVRRDSSHAFTLDELRGKRSCHAGFGSPAGWDVPV GALIQRGFIRPKDCDVLTAVSEFFNASCVPVNNPKNYPSSLCALCVGDEQGRNKCVGNSQERYYGYRGAF RCLVENAGDVAFVRHTTVFDNTNGHNSEPWAAELRSEDYELLCPNGARAEVSQFAACNLAQIPPHAVMVR PDTNIFTVYGLLDKAQDLFGDDHNKNGFKMFDSSNYHGQDLLFKDATVRAVPVGEKTTYRGWLGLDYVAA LEGMSSQQCSGAAAPAPGAPLLPLLLPALAARLLPPAL

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

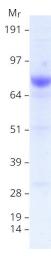
Summary: The protein encoded by this gene is a cell-surface glycoprotein found on melanoma cells. The

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]).