

Product datasheet for PH324600

MF12 (MELTF) (NM_005929) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MF12 MS Standard C13 and N15-labeled recombinant protein (NP_005920)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224600
Predicted MW:	80.21 kDa
Protein Sequence:	>RC224600 representing NM_005929 Red=Cloning site Green=Tags(s)
	MRGPSALWLLLALRTVLGGMEVRCATSDPEQHKCGNMSEAFREAGIQPSLLCVRGTSADHCVQLIAAQ EADAITLDGGAIYEAGKEHGLKPVVGEVYDQEVGTSYYAVAVVRRSSHVTIDTLKGVKSCHTGINRTVGV NVPVGYLVESGRLSVMGCDVLKAVSDYFGGSCVPGAGETSYSESLCRLCRGDSSGEGVCDKSPLERYYDY SGAFRCLAEGAGDVAFVKHSTVLENTDGKTLPSWGQALLSQDFELLCRDGSRADVTEWRQCHLARVPAHA VVVRADTDGGLIFRLLNEGQLFSHEGSSFQMFSSSEAYGQKDLLFKDSTSELVPIATQTYEAWLGHEYLH AMKGLLCDPNRPPYLRCVLSPEIQKCGDMAVAFRRQRLKPEIQCVSAKSPQHCMERIQAEQVDAVTL SGEDIYTAGKTYGLVPAAGEHYAPEDSSNSYYVAVVRRDSSHAFTLDELRGKRSCHAGFGSPAGWDVPV GALIQRGFIRPKDCDVL TAVSEFFNASCVPVNNPKNYSSL CALCVGDEQGRNKC VGNSQERYYYGYRGAF RCLVENAGDVAFVRHTTVFDNTNGHNSEPWAAELRSEDYELLCPNGARAEVSQFAACNLAQIPPHAVMVR PDTNIFTYYGLLDKAQDLFGDDHNKNGFKMFDSSNYHGQDLLFKDATVRAVPVGEKTTYRGWLGLDYVAA LEGMSSQQCSGAAAPAGAPLLPLLLPALAARLLPPAL
	TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_005920



[View online »](#)

RefSeq Size:	2377
RefSeq ORF:	2214
Synonyms:	CD228; MAP97; MFI2; MTf; MTF1
Locus ID:	4241
UniProt ID:	P08582
Cytogenetics:	3q29

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]).