

Product datasheet for PH308154

ETFBKMT (NM_173802) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	C12orf72 MS Standard C13 and N15-labeled recombinant protein (NP_776163)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208154
Predicted MW:	29.5 kDa
Protein Sequence:	>RC208154 protein sequence Red=Cloning site Green=Tags(s)
	MALSLGWKAHRNHCGLLQLALRSSGLLLFPCGQCPWRGAGSFLDPEIKAFLEENTEVTSSGSLTPEIQLR LLTPRCKFWERADLWPHSDPYWAIYWPGGQALSRYLNDNPDVVRGKSVLDLGSQCGATAIAAKMSGASR ILANDIDPIAGMAITLNCELNRLNPFPIILIQNILNLEQDKWDLVVLGDMFYDEDLADSLHQWLKCKCFWY RTRVLIGDPGRPQFSGHSIQHHLHKVVEYSLLESTRQENSGLTSTVWGFQP
	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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_776163
RefSeq Size:	2183
RefSeq ORF:	786
Synonyms:	C12orf72; ETFB-KMT; METTL20
Locus ID:	254013
UniProt ID:	Q8IXQ9



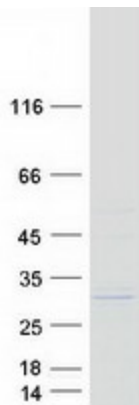
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Cytogenetics: 12p11.21

Summary: Protein-lysine methyltransferase that selectively trimethylates the flavoprotein ETFB in mitochondria (PubMed:25023281, PubMed:25416781). Thereby, may negatively regulate the function of ETFB in electron transfer from Acyl-CoA dehydrogenases to the main respiratory chain (PubMed:25416781).[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified ETFBKMT protein (Cat# [TP308154]). The protein was produced from HEK293T cells transfected with ETFBKMT cDNA clone (Cat# [RC208154]) using MegaTran 2.0 (Cat# [TT210002]).