

Product datasheet for TP308154

ETFBKMT (NM_173802) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 12 open reading frame 72 (C12orf72), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208154 protein sequence Red=Cloning site Green=Tags(s)

MALSLGWKAHRNHCGLLLQALRSSGLLLFPCGQCPWRGAGSFLDPEIKAFLEENTEVTSSGSLTPEIQLR
LLTPRCKFWWERADLWPHSDPYWAIYWPGGQALSRYLLDNPDVVRGKSVLDLGS GCGATAIAAKMSGASR
ILANDIDPIAGMAITLNCELNRLNPFILIQNILNLEQDKWDLVVLGDMFYDEDLADSLHQWLKCKFWTY
RTRVLIGDPGRPQFSGHSIQHHLHKVVEYSLLESTRQENSGLTSTVWGFQP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	29.3 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.
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_776163
Locus ID:	254013



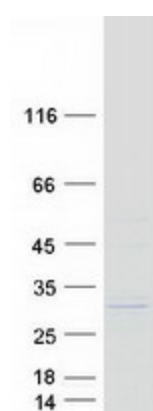
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UniProt ID: [Q8IXQ9](#)
RefSeq Size: 2183
Cytogenetics: 12p11.21
RefSeq ORF: 786
Synonyms: C12orf72; ETFB-KMT; METTL20

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]).