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Product datasheet for TP302401M

C9orf156 (TRMO) (NM_016481) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 9 open reading frame 156 (C9orf156), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202401 protein sequence Red=Cloning site Green=Tags(s) MRGLEEPGPRPTATPCGCVKPALETGNLLTEPVGYLESCFSAKNGTPRQPSICSYSRACLRIRKRIFNNP EHSLMGLEQFSHVWILFVFHKNGHLSCKAKVQPPRLNGAKTGVFSTRSPHRPNAIGLTLAKLEKVEGGAI YLSGIDMIHGTPVLDIKPYIAEYDSPQNVMEPLADFNLQNNQHTPNTVSQSDSKTDSCDQRQLSGCDEPQ PHHSTKRKPKCPEDRTSEENYLTHSDTARIQQAFPMHREIAVDFGLESRRDQSSSVAEEQIGPYCPEKSF SEKGTDKKLERVEGAAVLQGSRAETQPMAPHCPAGRADGAPRSVVPAWVTEAPVATLEVRFTPHAEMDLG QLSSQDVGQASFKYFQSAEEAKRAIEAVLSADPRSVYRRKLCQDRLFYFTVDIAHVTCWFGDGFAEVLRI KPASEPVHMTGPVGSLVSLGS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	48.4 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_057565

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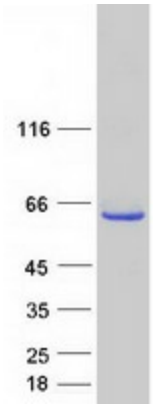
Locus ID:	51531
UniProt ID:	Q9BU70
RefSeq Size:	1664
Cytogenetics:	9q22.33
RefSeq ORF:	1323
Synonyms:	C9orf156; HSPC219; NAP1
Summary:	S-adenosyl-L-methionine-dependent methyltransferase responsible for the addition of the methyl group in the formation of N6-methyl-N6-threonylcarbamoyladenosine at position 37 (m(6)t(6)A37) of the tRNA anticodon loop of tRNA(Ser)(GCU) (PubMed:25063302). The methyl group of m(6)t(6)A37 may improve the efficiency of the tRNA decoding ability. May bind to tRNA (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified TRMO protein (Cat# [TP302401]). The protein was produced from HEK293T cells transfected with TRMO cDNA clone (Cat# [RC202401]) using MegaTran 2.0 (Cat# [TT210002]).