

Product datasheet for TP301823M

EFTUD2 (NM_004247) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human elongation factor Tu GTP binding domain containing 2 (EFTUD2), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201823 protein sequence Red =Cloning site Green =Tags(s)

MDTDLYDEFGNYIGPELDSDEDDDELGRETkdLDEMDDDDDDDDVGDHDDDDHPGMEVWLHEDKKYYPTAE
EYVGPEVETIVQEEDTQPLTEPIIKPVKTKKFTLMEQTLPTVYEMDFLADLMDNSELIRNVTLCGHLHH
GKTCFVDCLIEQTHPEIRKRYDQDLCYTDILFTEQERGVGKSTPVTVLPDTKGKSYLFNIMDTPGHVN
FSDEVTAGLRISDGWVLFIDAAEGVMLNTERLIKHAVQERLAVTVCINKIDRLILELKLPPTDAYYKLRH
IVDEVNGLISMYSTDENLILSPLLGNVCFSSSQYSICFTLVSFakiYADTFGDINYQEFakRLWGDIFYN
PKTRKFTKKAPTSSSQRSFVEFILEPLYKILAQVVGDVDTSLPRTLDELGIHLTKEELKLNIRPLLRVC
KKFFGEFTGFVDMCVQHIPSPKVGAKPKIEHTYTTGGVDSDLGEAMSDCDPDGPLMCHTTKMYSTDDGVQF
HAFGRVLSGTIHAGQPVKVLGENYTLDEEDDSQICTVGRWLWISVARYHIEVNRVPAGNWWLIEGVDQPIV
KTATITEPRGNEEAQIFRPLKFNTTSVIKIAVEPVNPSELPKMLDGLRKVNKSYPSSLTTKVEESGEHVIL
GTGELYLDCVMHDLRKMYSIDIKVADPVVTFCEVTVETSSLKCFaETPNKKNKITMIAEPLEKGLAEDI
ENEVQITWNRKKLGEFFQTKYDWDLLAARSIWAFGPDATGPNILVDDTLPSEVDKALLGSVKDSIVQGF
QWGTREGPLCDELIRNVKFKILDVAVQAEPLEHRRGGGQIIPARRVVYSAFLMATPRLMPEYYFVEVQAPA
DCVSAVYTLARRRGHVTQDAPIPGSPLYTIKAFIPADSFGFETDLRTHHTQGQAFSLSVFHHWQIVPGD
PLDKSIVIRPLEPQPAPHLAREFMIKTRRRKGLSEDVSIKFFDDPMLLELAKQDVVLYNPM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

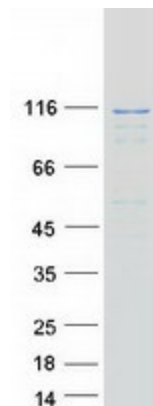
Tag:	C-Myc/DDK
Predicted MW:	109.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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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_004238
Locus ID:	9343
UniProt ID:	Q15029 , B3KX19
RefSeq Size:	4167
Cytogenetics:	17q21.31
RefSeq ORF:	2916
Synonyms:	MFDGA; MFDM; SNRNP116; Snrp116; Snu114; U5-116KD
Summary:	This gene encodes a GTPase which is a component of the spliceosome complex which processes precursor mRNAs to produce mature mRNAs. Mutations in this gene are associated with mandibulofacial dysostosis with microcephaly. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2012]
Protein Pathways:	Spliceosome

Product images:



Coomassie blue staining of purified EFTUD2 protein (Cat# [TP301823]). The protein was produced from HEK293T cells transfected with EFTUD2 cDNA clone (Cat# [RC201823]) using MegaTran 2.0 (Cat# [TT210002]).