

## Product datasheet for TP301823

### 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, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201823 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MDTDLYDEFGNYIGPELDSDEDDDELGRETkdLDEMDDDDDDVGDHDDHDPGMEVWLHEDKKYYPTAE  
EYVGPEVETIVQEEDTQPLTEPIIKPVKTKKFTLMEQTLPTVYEMDFLADLMDNSELIRNVTLCGHLHH  
GKTCFVDCLIEQTHPEIRKRYDQDLCYTDILFTEQERGVGKSTPVTVLPDTKGKSYLFNIMDTPGHVN  
FSDEVTAGLRISDGWVLFIDAAEGVMLNTERLIKHAVQERLAVTVCINKIDRLILELKLPPTDAYYKLRH  
IVDEVNGLISMYSTDENLILSPLLGNVCFSSSQYSICFTLVSFakiYADTFGDINYQEFakRLWGDIFYN  
PKTRKFTKKAPTSSSQRSFVEFILEPLYKILAQVVGDVDTSLPRTLDELGIHLTKEELKLNIRPLLRVC  
KKFFGEFTGFVDMCVQHIPSPKVGAKPKIEHTYTTGGVDSDLGEAMSDCDPDGPLMCHTTKMYSTDDGVQF  
HAFGRVLSGTIHAGQPVKVLGENYTLDEEDDSQICTVGRWLWISVARYHIEVNRVPAGNWWLIEGVDQPIV  
KTATITEPRGNEEAQIFRPLKFNTTSVIKIAVEPVNPSELPKMLDGLRKVNKSYPSSLTTKVEESGEHVIL  
GTGELYLDCVMHDLRKMYSIDIKVADPVVTFCEVTVETSSLKCAETPNKKNKITMIAEPLEKGLAEDI  
ENEVQITWNRKKLGEFFQTKYDWDLLAARSIWAFGPDATGPNILVDDTLPSEVDKALLGSVKDSIVQGF  
QWGTREGPLCDELIRNVKFKILDVAVQAPEPLHRGGGQIIPARRVVYSAFLMATPRLMEPYFVEVQAPA  
DCVSAVYTVLARRRGHVTQDAPIPGSPLYTIKAFIPADSFGFETDLRTHHTQGQAFSLSVFHHWQIVPGD  
PLDKSIVIRPLEPQPAPHLAREFMIKTRRRKGLSEDVSIKFFDDPMLLELAKQDVVLYNPM

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

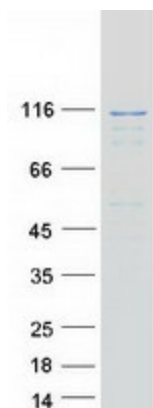
Tag:	C-Myc/DDK
Predicted MW:	109.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_004238</a>
<b>Locus ID:</b>	9343
<b>UniProt ID:</b>	<a href="#">Q15029</a> , <a href="#">B3KX19</a>
<b>RefSeq Size:</b>	4167
<b>Cytogenetics:</b>	17q21.31
<b>RefSeq ORF:</b>	2916
<b>Synonyms:</b>	MFDGA; MFDM; SNRNP116; Snrp116; Snu114; U5-116KD
<b>Summary:</b>	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]
<b>Protein Pathways:</b>	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]).