Recombinant Human EFTUD2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EFTUD2-559H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EFTUD2 MS Standard C13 and N15-labeled recombinant protein (NP_004238) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	109.5 kDa
AA Sequence	MDTDLYDEFGNYIGPELDSDEDDDELGRETKDLDEMDDDDDDDDVGDHDDDHPG MEVVLHEDKKYYPTAEEVYGPEVETIVQEEDTQPLTEPIIKPVKTKKFTLMEQTLPVT VYEMDFLADLMDNSELIRNVTLCGHLHHGKTCFVDCLIEQTHPEIRKRYDQDLCYTDI LFTEQERGVGIKSTPVTVVLPDTKGKSYLFNIMDTPGHVNFSDEVTAGLRISDGVVLF IDAAEGVMLNTERLIKHAVQERLAVTVCINKIDRLILELKLPPTDAYYKLRHIVDEVNGL ISMYSTDENLILSPLLGNVCFSSSQYSICFTLVSFAKIYADTFGDINYQEFAKRLWGDI YFNPKTRKFTKKAPTSSSQRSFVEFILEPLYKILAQVVGDVDTSLPRTLDELGIHLTKE ELKLNIRPLLRLVCKKFFGEFTGFVDMCVQHIPSPKVGAKPKIEHTYTGGVDSDLGEA MSDCDPDGPLMCHTTKMYSTDDGVQFHAFGRVLSGTIHAGQPVKVLGENYTLEDE

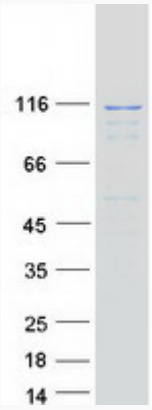
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	EDSQICTVGRLWISVARYHIEVNRVPAGNWVLIEGVDQPIVKTATITEPRGNEEAQIF RPLKFNTTSVIKIAVEPVNPSELPKMLDGLRKVNKSYPSLTTKVEESGEHVILGTGEL YLDCVMHDLRKMYSEIDIKVADPVVTFCETVVETSSLKCFAETPNKKNKITMIAEPLE KGLAEDIENEVVQITWNRKKLGEFFQTKYDWDLLAARSIWAFGPDATGPNILVDDTL PSEVDKALLGSVKDSIVQGFQWGTREGPLCDELIRNVKFKILDAVVAQEPLHRGGG QIIPTARRVVYSAFLMATPRLMEPYYFVEVQAPADCVSAVYTVLARRRGHVTQDAPI PGSPLYTIKAFIPAIDSFGFETDLRTHTQGQAFSLSVFHHWQIVPGDPLDKSIVIRPLE PQPAPHLAREFMIKTRRRKGLSEDVSISKFFDDPMLLELAKQDVVLNYPMTRTRPLE QKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	EFTUD2 elongation factor Tu GTP binding domain containing 2 [Homo sapiens (human)]
Official Symbol	EFTUD2
Synonyms	EFTUD2; elongation factor Tu GTP binding domain containing 2; 116 kDa U5 small nuclear ribonucleoprotein component; Snrp116; Snu114; U5 snRNP specific protein; 116 kD; U5 116KD; hSNU114; U5-116 kDa; SNU114 homolog; U5 snRNP specific

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	protein, 116 kD; U5 snRNP-specific protein, 116 kD; U5 snRNP-specific protein, 116 kDa; elongation factor Tu GTP-binding domain-containing protein 2; MFDM; U5-116KD; FLJ44695; KIAA0031; DKFZp686E24196;
Gene ID	9343
mRNA Refseq	NM_004247
Protein Refseq	NP_004238
MIM	603892
UniProt ID	Q15029
SDS-PAGE	

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