Recombinant Full Length Human EFTUD2 Protein, GST-tagged

Cat. No. EFTUD2-4252HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EFTUD2 full-length ORF (NP_004238.2, 1 a.a. - 972 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	972 amino acids
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. [provided by RefSeq, Apr 2012]
Molecular Mass	135.9 kDa
AA Sequence	MDTDLYDEFGNYIGPELDSDEDDDELGRETKDLDEMDDDDDDDDVGDHDDDHPG MEVVLHEDKKYYPTAEEVYGPEVETIVQEEDTQPLTEPIIKPVKTKKFTLMEQTLPVT VYEMDFLADLMDNSELIRNVTLCGHLHHGKTCFVDCLIEQTHPEIRKRYDQDLCYTDI LFTEQERGVGIKSTPVTVVLPDTKGKSYLFNIMDTPGHVNFSDEVTAGLRISDGVVLF IDAAEGVMLNTERLIKHAVQERLAVTVCINKIDRLILELKLPPTDAYYKLRHIVDEVNGL ISMYSTDENLILSPLLGNVCFSSSQYSICFTLVSFAKIYADTFGDINYQEFAKRLWGDI YFNPKTRKFTKKAPTSSSQRSFVEFILEPLYKILAQVVGDVDTSLPRTLDELGIHLTKE ELKLNIRPLLRLVCKKFFGEFTGFVDMCVQHIPSPKVGAKPKIEHTYTGGVDSDLGEA

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	MSDCDPDGPLMCHTTKMYSTDDGVQFHAFGRVLSGTIHAGQPVKVLGENYTLEDE EDSQICTVGRLWISVARYHIEVNRVPAGNWVLIEGVDQPIVKTATITEPRGNEEAQIF RPLKFNTTSVIKIAVEPVNPSELPKMLDGLRKVNKSYPSLTTKVEESGEHVILGTGEL YLDCVMHDLRKMYSEIDIKVADPVVTFCETVVETSSLKCFAETPNKKNKITMIAEPLE KGLAEDIENEVVQITWNRKKLGEFFQTKYDWDLLAARSIWAFGPDATGPNILVDDTL PSEVDKALLGSVKDSIVQGFQWGTREGPLCDELIRNVKFKILDAVVAQEPLHRGGG QIIPTARRVVYSAFLMATPRLMEPYYFVEVQAPADCVSAVYTVLARRRGHVTQDAPI PGSPLYTIKAFIPAIDSFGFETDLRTHTQGQAFSLSVFHHWQIVPGDPLDKSIVIRPLE PQPAPHLAREFMIKTRRRKGLSEDVSISKFFDDPMLLELAKQDVVLNYPM
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	EFTUD2 elongation factor Tu GTP binding domain containing 2 [Homo sapiens]
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 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_001142605
Protein Refseq	NP_001136077
MIM	603892
UniProt ID	Q15029

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