

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	MDTDLYDEFGNYIGPELDSDEDDDELGRETKDLDEMDDDDDDDDVGDHDDDDHPG MEVVLHEDKKYYPTAAEEVYGPEVETIVQEEDTQPLTEPIIKPVKTKKFTLMEQTLPTV VYEMDFLADLMDNSELIRNVTLCGHLHHGKTCFVDCLIEQTHPEIRKRYDQDLCYTDI LFTEQERGVGKSTPVTVVLPDTKGKSYLFNIMDTPGHVNFSDDEVTAGLRISDGVVLF IDAAEGVMLNTERLIKHAVQERLAVTVCINKIDRLILELKLPTDAYYKLRHIVDEVNGL ISMYSTDENLILSPLLGNVCFSSSQYSICFTLVSFAGIYADTFGDINYQEFKRLWGDI YFNPKTRKFTKKAPTSSSQRSFVEFILEPLYKILAQVVGDVDTSLPRTLDELGIHLTKE ELKLNIRPLLRLVCKKFFGEFTGFVDMCVQHIPS PKVGAKPKIEHTYTGGVDSDLGEA

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MSDCDPDGPLMCHTTKMYSTDDGVQFHAFGRVLSGTIHAGQPVKVLGENYTLDE
EDSQICTVGRLWISVARYHIEVNRVPAGNWVLIEGVDQPIVKTATITEPRGNEEAQIF
RPLKFNTTSVIKIAVEPVNPSELPKMLDGLRKVNKSYPSLTTKVEESGEHVILGTGEL
YLDCVMHDLRKMYSEIDIKVADPVVTFCEVTVETSSLKCAETPNKKNKITMIAEPLE
KGLAEDIENEVVQITWNRKKLGEFFQTKYDWDLLAARSIWAFGPDATGPNILVDDTL
PSEVDKALLGSVKDSIVQGFQWGTREGPLCDELIRNVKFKILDVVAQEPLHRGGG
QIIPTARRVVYSAFLMATPRLMEPYFVEVQAPADCVSAVYTVLARRRGHVTQDAPI
PGSPLYTIKAFIPAIDSFGFETDLRHTHTQGQAFSLSVFHHWQIVPGDPLDKSIVIRPLE
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

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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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