

Recombinant Human EFTUD2 Protein, GST-tagged

Cat. No. EFTUD2-3110H **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	Wheat Germ
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 LFTEQERGVGKSTPVTVVLPTDKGKSYLFNIMDTPGHVNFSDDEVTAGLRISDGVVLF IDAAEGVMLNTERLIKHAVQERLAVTVCINKIDRLILELKLPTDAYYKLRHIVDEVNGL ISMYSTDENLILSPLLGNVCFSSSQYSICFTLVSFAKIYADTFGDINYQEFARKLWGD YFNPKTRKFTKKAPTSSSQRSFVEFILEPLYKILAQVVGDVDTSLPRTLDELGIHLTKE ELKLNIRPLLRLVCKKFFGEFTGFVDMCVQHIPS PKVGAKPKIEHTYTGGVDSDLGEA MSDCDPDGPLMCHTTKMYSTDDGVQFHAFGRLVSGTIHAGQPVKVLGENYTLDE

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EDSQICTVGRLWISVARYHIEVNRVPAGNWVLIEGVDQPIVKTATITEPRGNEEAQIF
 RPLKFNTTSVIKIAVEPVNPSELPKMLDGLRKVNKSYPSTTKVEESGEHVILGTGEL
 YLDCVMHDLRKMYSIDIKVADPVVTFCETVVETSSLKCFATPNKKNKITMIAEPLE
 KGLAEDIENEVVQITWNRKKLGEFFQTKYDWDLLAARSIWAFGPDATGPNILVDDTL
 PSEVDKALLGSVKDSIVQGFQWGTREGPLCDELIRNVKFKILDVVAQEPLHRGGG
 QIIPTARRVVYSAFLMATPRLMEPYFVEVQAPADCVSAVYTVLARRRGHVTDQAPI
 PGSPLYTIKAFIPAIDSFGFETDLRHTHTQGQAFSLSVFHHWQIVPGDPLDKSIVIRPLE
 PQPAPHLAREFMIKTRRRKGLSEDSISKFFDDPMLLELAKQDVVLNYPM

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-

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116KD; FLJ44695; KIAA0031; DKFZp686E24196;

Gene ID 9343

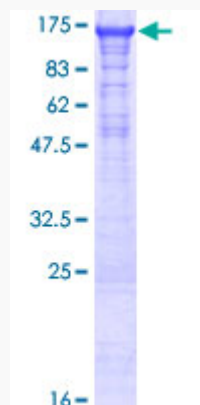
mRNA Refseq NM_001142605

Protein Refseq NP_001136077

MIM 603892

UniProt ID Q15029

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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