

Product datasheet for **TP300763**

FUZ (NM_025129) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human fuzzy homolog (Drosophila) (FUZ), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200763 protein sequence Red =Cloning site Green =Tags(s)

MGEEGTGGTVHLLCLAASSGVPLFCRSSRGGAPARQQLPFSVIGSLNGVHMFGQNLEVQLSSARTENTTV
VWKSFDHSITLIVLSSEVGISELRRLERLLQMVFAMVLLVGLLELTNIRNVERLKKDLRASYCLIDSFLG
DSELIGDLTQCVDVIPPEGSLLQEALSGFAEAAGTTFVSLVSGRVAATEGWWRGLGTPEAVLLPWLVG
SLPPQTARDYPVYLPHGSPTVPHRLLTLTLLPSLELCLLCGSPPLSQLYPQLLERWWQPLLDPLRACLP
LGPRALPSGFPLHTDILGLLLLHLELKRCLFTVEPLGDKEPSPEQRRRLLRNFYTLVTSTHFPPEPGPPE
KTEDEVYQAQLPRACYLVLGTEEPGTGVRLVALQLGLRLLLLLSPQSPHGLRSLATHLHALTPLL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	45.5 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_079405
Locus ID:	80199



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UniProt ID: [Q9BT04](#), [A0A024QZF7](#)

RefSeq Size: 1762

Cytogenetics: 19q13.33

RefSeq ORF: 1254

Synonyms: CPLANE3; FY; NTD

Summary: This gene encodes a planar cell polarity protein that is involved in ciliogenesis and directional cell movement. Knockout studies in mice exhibit neural tube defects and defective cilia, and mutations in this gene are associated with neural tube defects in humans. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 2012]

Product images:



Coomassie blue staining of purified FUZ protein (Cat# TP300763). The protein was produced from HEK293T cells transfected with FUZ cDNA clone (Cat# [RC200763]) using MegaTran 2.0 (Cat# [TT210002]).