

## Product datasheet for TP300763M

### OriGene Technologies, Inc.

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#### FUZ (NM 025129) Human Recombinant Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human fuzzy homolog (Drosophila) (FUZ), 100 μg

Species: Human
Expression Host: HEK293T

**Expression cDNA Clone** >RC200763 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MGEEGTGGTVHLLCLAASSGVPLFCRSSRGGAPARQQLPFSVIGSLNGVHMFGQNLEVQLSSARTENTTV VWKSFHDSITLIVLSSEVGISELRLERLLQMVFGAMVLLVGLEELTNIRNVERLKKDLRASYCLIDSFLG DSELIGDLTQCVDCVIPPEGSLLQEALSGFAEAAGTTFVSLVVSGRVVAATEGWWRLGTPEAVLLPWLVG SLPPQTARDYPVYLPHGSPTVPHRLLTLTLLPSLELCLLCGPSPPLSQLYPQLLERWWQPLLDPLRACLP LGPRALPSGFPLHTDILGLLLLHLELKRCLFTVEPLGDKEPSPEQRRRLLRNFYTLVTSTHFPPEPGPPE KTEDEVYQAQLPRACYLVLGTEEPGTGVRLVALQLGLRRLLLLLSPQSPTHGLRSLATHTLHALTPLL

**TRTRPL**EQKLISEEDLAANDILDYKDDDDK**V** 

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





#### FUZ (NM\_025129) Human Recombinant Protein - TP300763M

UniProt ID: Q9BT04, A0A024QZF7

RefSeq Size: 1762

Cytogenetics: 19q13.33 RefSeq ORF: 1254

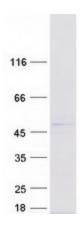
Synonyms: CPLANE3; FY; NTD

**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]).