

Product datasheet for **TP523378**

Fuz (NM_027376) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse fuzzy planar cell polarity protein (Fuz), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR223378 representing NM_027376 Red =Cloning site Green =Tags(s)

MGDEGPGSPVHLLCLAASSGVPLFCRSSGGAPSRQQLPFSVIGSLNGVHMFGQNLDVQLNSARTEDTTV
VWKNFHDSITLIVLSSEEGTSELRLRMLHMFVGMVLIIVGLEELTNIRNVERLKKELRASYCLIDSFLG
NSELIGDLTQCVCVIPPEGSAMQETLSGFAEATGTAFVSLVSGRVAAATEGWWRGMPPEAVLLPWLVG
SLPPQAARDYPVYLPHGSPTVPHRLLTLTLRGLLELCLLCGRPPPLGQLDPQLMERWWQPLLEPLRACLP
LGPRALPEGFPLHSDILGLLLLHLELRCLFTVEPSKDKEPSPEQRRLLRNFYTLVATTHFPPEPGPAE
KQEDTVYPAQMPRACYLVLGPGMGWQLVAVQLGLRLLLLLLSPHTPTHGLRSLATRTLQALTPLL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	46 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
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 after receiving vials.
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_081652
Locus ID:	70300
UniProt ID:	Q3UYI6 , E9QL29



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RefSeq Size:	1715
Cytogenetics:	7 28.99 cM
RefSeq ORF:	1245
Synonyms:	2600013E07Rik; b2b1273Clo
Summary:	Probable planar cell polarity effector involved in cilium biogenesis. May regulate protein and membrane transport to the cilium. Proposed to function as core component of the CPLANE (ciliogenesis and planar polarity effectors) complex involved in the recruitment of peripheral IFT-A proteins to basal bodies (PubMed:19877275, PubMed:19767740, PubMed:27158779). May regulate the morphogenesis of hair follicles which depends on functional primary cilia (PubMed:20962855).[UniProtKB/Swiss-Prot Function]