

Recombinant Full Length Human FUZ Protein, GST-tagged

Cat. No. FUZ-5236HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FUZ full-length ORF (NP_079405.2, 1 a.a. - 418 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	418 amino acids
Description	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]
Molecular Mass	72.1 kDa
AA Sequence	MGEEGTGGTVHLLCLAASSGVPLFCRSSRGGAPARQQLPFSVIGSLNGVHMFGQN LEVQLSSARTENTTVVWKSFDHSITLIVLSSEVGISELRRLERLLQMVFGAMVLLVGLE ELTNIRNVERLKKDLRASyclIDSFLGDSELIGDLTQCVD CVIPPEGSLLQEALSGFAE AAGTTFVSLVVSGRVVAATEGWWRLGTPEAVLLPWLVGSLPPQTARDYPVYLPHG SPTVPHRLLTLTLLPSLELCLLCGPSPPLSQLYPQLLERWWQPLLDPLRACLPLGPR ALPSGFPLHTDILGLLLLHLELKRCLFTVEPLGDKEPSPEQRRRLRNFYTLVTSTHFP PEPGPPEKTEDEVYQAQLPRACYLVLGTEEPGTGVRLVALQLGLRRLLLLLSPQSPT HGLRSLATHLHALTPLL

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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	FUZ fuzzy homolog (Drosophila) [Homo sapiens]
Official Symbol	FUZ
Synonyms	FUZ; fuzzy homolog (Drosophila); protein fuzzy homolog; FLJ22688; Fy; FY;
Gene ID	80199
mRNA Refseq	NM_001171937
Protein Refseq	NP_001165408
MIM	610622
UniProt ID	Q9BT04

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