

Recombinant Human FEZ1 Protein, GST-tagged

Cat. No. FEZ1-4082H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FEZ1 full-length ORF (NP_005094.1, 1 a.a. - 392 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene is an ortholog of the <i>C. elegans</i> unc-76 gene, which is necessary for normal axonal bundling and elongation within axon bundles. Expression of this gene in <i>C. elegans</i> unc-76 mutants can restore to the mutants partial locomotion and axonal fasciculation, suggesting that it also functions in axonal outgrowth. The N-terminal half of the gene product is highly acidic. Alternatively spliced transcript variants encoding different isoforms of this protein have been described. [provided by RefSeq]
Molecular Mass	71.5 kDa
AA Sequence	MEAPLVSLDEEFEDLRPSCSEDPEEKPCFYGSSPHHLEDPSLSELENFSSEIISFKS MEDLVNEFDEKLNVCFRNYNAKTENLAPVKNQLQIQEEEEETLQDEEVWDALTDNYIP SLSEDWRDPNIEALNGNCSDTEIHEKEEEEFNEKSENDSGINEEPLLTADQVIEEIEE MMQNSPDPEEEEEVLEEEDGGETSSQADSVLLQEMQALTQTFNNNWSYEGLRHM SGSELTELLDQVEGAIRDFSEELVQQLARRDELEFEKEVKNSFITVLIQVQNKQKEQR ELMKRRKEKGLSLQSSRIEKGQNQMPLKRFSMEGISENQLSGIRQTFGSSGTDKQYL NTVIPYEKKASPPSVEDLQMLTNILFAMKEDNEKVPTLLTDYILKVLCP

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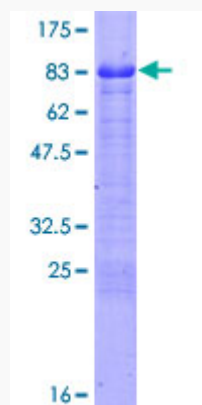
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	FEZ1 fasciculation and elongation protein zeta 1 (zygin I) [Homo sapiens]
Official Symbol	FEZ1
Synonyms	FEZ1; fasciculation and elongation protein zeta 1 (zygin I); fasciculation and elongation protein zeta-1; zygin I; zygin-1;
Gene ID	9638
mRNA Refseq	NM_005103
Protein Refseq	NP_005094
MIM	604825
UniProt ID	Q99689

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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