

Recombinant Human FEZ1, GST-tagged

Cat. No. FEZ1-12849H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FEZ1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-321a.a.
Description	This gene is an ortholog of the C. elegans unc-76 gene, which is necessary for normal axonal bundling and elongation within axon bundles. Expression of this gene in C. elegans 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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	FEZ1 fasciculation and elongation protein zeta 1 (zygin I) [Homo sapiens]
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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
Chromosome Location	11q24.2
Function	gamma-tubulin binding; protein binding; protein kinase C binding;

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