Recombinant Human FEZ1 Protein, His&GST-tagged

Cat. No. FEZ1-1478H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FEZ1 Protein (Glu52-Ile275) with N-His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Glu52-Ile275
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 55.9 kDa Accurate Molecular Mass: 56 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	FEZ1 fasciculation and elongation protein zeta 1 (zygin I) [Homo sapiens (human)]
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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA