

Recombinant Full Length Human ERLIN2 Protein, GST-tagged

Cat. No. ERLIN2-4591HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ERLIN2 full-length ORF (NP_009106.1, 1 a.a. - 339 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	339 amino acids
Description	This gene encodes a member of the SPFH domain-containing family of lipid raft-associated proteins. The encoded protein is localized to lipid rafts of the endoplasmic reticulum and plays a critical role in inositol 1,4,5-trisphosphate (IP3) signaling by mediating ER-associated degradation of activated IP3 receptors. Mutations in this gene are a cause of spastic paraplegia-18 (SPG18). Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Feb 2012]
Molecular Mass	64.2 kDa
AA Sequence	MAQLGAVVAVASSFFCASLFSAVHKIEEGHIGVYYRGGALLTSTSGPGFHLMLPFITS YKSVQTTLQTDEVKNVPCGTSGGVMIYFDRIEVVNFLVPNAVYDIVKNYTADYDKALI FNKIHHELNQFCSVHTLQEVYIELFDQIDENLKLALQQDLTSMAPGLVIQAVRVTKPNI PEAIRRNYELMESEKTKLLIAAQKQKVVEKEAETERKKALIEAEKVAQVAEITYGQKV MEKETEEKKISEIEDAAFLAREKAKADAECYTAMKIAEANKLKLTPEYLQLMKYKAISN SKIYFGKDIPNMFMDSAGSVSKQFEGGLADKLSFGLEDEPLETATKEN

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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	ERLIN2 ER lipid raft associated 2 [Homo sapiens]
Official Symbol	ERLIN2
Synonyms	ERLIN2; ER lipid raft associated 2; C8orf2, chromosome 8 open reading frame 2 , Erlin 2, SPFH domain family, member 2 , SPFH2; erlin-2; NET32; SPFH domain family, member 2; endoplasmic reticulum lipid raft-associated protein 2; stomatin-prohibitin-flotillin-HflC/K domain-containing protein 2; SPFH2; SPG18; C8orf2; Erlin-2; MGC87072;
Gene ID	11160
mRNA Refseq	NM_001003790
Protein Refseq	NP_001003790
MIM	611605

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UniProt ID

O94905

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