

Recombinant Human RELN Protein (26-254 aa), His-tagged

Cat. No. RELN-1504H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human RELN Protein (26-254 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cell Adhesion. Protein Description: Partial.
Species	Human
Source	Yeast
ProteinLength	26-254 aa
Description	Extracellular domain matrix serine protease that plays a role in layering of neurons in the cerebral cortex and cerebellum. Regulates microtubule function in neurons and neuronal migration. Affects migration of sympathetic preganglionic neurons in the spinal cord, where it ses to act as a barrier to neuronal migration. Enzymatic activity is important for the modulation of cell adhesion. Binding to the Extracellular domains of lipoprotein receptors VLDLR and LRP8/APOER2 induces tyrosine phosphorylation of DAB1 and modulation of TAU phosphorylation.
Form	Tris-based buffer,50% glycerol
Molecular Mass	26.9 kDa
AA Sequence	AAGYYPRFSPFFFLCTHHGELEGDGEQGEVLISLHIAGNPTYYPGQEQYHVTISTSTF FDGLLVLTGLYTSTSVQASQSIGGSSAFGFGIMSDHQFGNQFMCSVVASHVSHLPTT NLSFIWIAPPAGTGCVNFMATATHRGQVIFKDALAQQQLCEQGAPTDVTVHPLAEIH

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	SDSIILRDDFDSYHQLQLNPNIWVECNNCETGEQCGAIMHGNAVTFCEPYGPRELIT T
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name	RELN reelin [Homo sapiens]
Official Symbol	RELN
Synonyms	RELN; reelin; PRO1598; RL; LIS2;
Gene ID	5649
mRNA Refseq	NM_005045
Protein Refseq	NP_005036
MIM	600514

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UniProt ID

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