

Recombinant Human GLDN Protein

Cat. No. GLDN-4951H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GLDN full-length ORF (ADR83005.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
Description	This gene encodes a protein that contains olfactomedin-like and collagen-like domains. The encoded protein, which exists in both transmembrane and secreted forms, promotes formation of the nodes of Ranvier in the peripheral nervous system. Mutations in this gene cause a form of lethal congenital contracture syndrome in human patients. Autoantibodies to the encoded protein have been identified in sera from patients with multifocal motor neuropathy. [provided by RefSeq, May 2017]
Form	Liquid
Molecular Mass	47 kDa
AA Sequence	MVDLCNSTKGICLTGPSGPPGPPGAGGLPGHNGLDGQGPQGPKEKGANGKRG KMGIPGAAGNPGERGEKGDHGEGLGQNEGPPGQKGEKGDKGDVSNVLLAGAK GDQGP GPPGPPGPPGPPGPPGPPGSRRAKGPRQPNMFNGQCPGETCAIPNDDTLVG KADEKASEHHSPQAESMITSIGNPVQVLKVTETFGTWIRESANKSDDRIWVTEHFSG IMVKEFKDQPSLLNGSYTFIHLPPYYFHGCGHVYNNNSLYYHKGGSNTLVRFEFGQET SQTLKLENALYFDRKYL FANSKTYFNLA VDEKGLWIIYASSVDGSSILVAQLDERTFS VVQHVNTTYPKSKAGNAFIARGILYVTDTKDMRVTF AFDLLGGKQINANFDLRTSQS VLAMLAYNMRDQHLYSWEDGHLMLYPVQFLSTTLNQ

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Applications	Antibody Production Functional Study Compound Screening
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
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	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

GENE INFORMATION

Gene Name	GLDN gliomedin [Homo sapiens]
Official Symbol	GLDN
Synonyms	GLDN; gliomedin; collomin, COLM; CLOM; colmedin; CRG L2; UNC 112; collomin; COLM; CRGL2; CRG-L2; UNC-112; FLJ23917;
Gene ID	342035
mRNA Refseq	NM_181789
Protein Refseq	NP_861454
MIM	608603
UniProt ID	Q6ZMI3

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