

Recombinant Human GLDN Protein

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

SPECIFICATION

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| 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 | MVDLCNSTKGICLTGPSGPPGPPGAGGLPGHNGLDGQPQPQPKGEK GANGKRG KMGIPGAAGNPGERGEKGDH GELGLQGNEGPPGQKGEKGDKGDVSN DVLLAGAK GDQGGPPGPPGPPGPPGPPGPPGPPGSRRAK GPRQP NMFNGQCPGETCAIPND DTLVG KADEKASEHHSPQAESMIT SIGNPVQVLKVTETFGTWIRESANKSDDRIWVTEH FSG IMVKEFKDQPSLLNGSYTFIHL PYYFHGCCGHVVYNN SLYYHKGGSNTLVRFEFGQET SQTLKLENALYFDRKYL FANSKTYFNLA VDEKGLWIIYASSVDGSSILVAQLDERTFS VVQHVNTTYPKSKAGNAFIARGILYVTDTKDMRVTF AFDLLGGKQINANFDLR TSQS 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

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|------------------------|---|
| 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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