

Cat. No. GLDN-1252H Lot. No. (See product label)

Product Overview

GLDN MS Standard C13 and N15-labeled recombinant protein (NP_861454) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Human

HEK293

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.

58.8 kDa

MARGAEGGRGDAGWGLRGALAAVALLSALNAAGTVFALCQWRGLSSALRALEAQR
GREQREDSALRSFLAELSRAPRGASAPPQDPASSARNKRSHSGEPAPHIRAESHD
MLMMMTYSMVPIRVMVDLCNSTKGICLTGPSGPPGPPGAGGLPGHNGLDGQPGP
QGPKEKGKANGKRKMGIPGAAGNPGERGEKGDHGLGLQGNPPGQKKEKG
DKGDVSNVDLLAGAKGDQGGPPGPPGPPGPPGPPGPPGSRRAKGPRQPSMFNGQ
CPGETCAIPNDDTLVGKADEKASEHHSPQAESMITSIGNPVQVLKVTETFGTWIRES
ANKSDDRIWVTEHFSGIMVKEFKDOPSLNNGSYTFIHLPPYYFHGCGHVVYNNLSYYH

KGGSNTLVRFEFGQETSQTLKLENALYFDRKYL FANSKTYFNLAVDEKGLWIIYASSV
 DGSSILVAQLDERTFSVVQHVNTTYPKSKAGNAFIARGILYVTDTKDMRVTFADFLLG
 GKQINANFDLRTSQSVLAMLAYNM RDQHLYSWEDGHLMLYPVQFLSTTLNQTRTRP
 LEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name GLDN gliomedin [Homo sapiens (human)]

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

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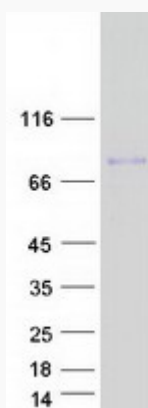
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MIM 608603

UniProt ID Q6ZMI3

SDS-PAGE



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