

Recombinant Human RETREG1 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. RETREG1-002H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FAM134B MS Standard C13 and N15-labeled recombinant protein (NP_061873) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a cis-Golgi transmembrane protein that may be necessary for the long-term survival of nociceptive and autonomic ganglion neurons. Mutations in this gene are a cause of hereditary sensory and autonomic neuropathy type IIB (HSAN IIB), and this gene may also play a role in susceptibility to vascular dementia. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Molecular Mass	39.3 kDa
AA Sequence	MPEGEDFGPGKSWEVINSKPDERPRLSHCIAESWMNFSIFLQEMSLFKQQSPGKFC LLVCSVCTFFITILGSYIPGVILSYLLLLCAFLCPLFKCNDIGQKIYSKIKSVLLKLDFGIGE YINQKKRERSEADKEKSHKDDSELD FSALCPKISLTVAAKELSVSDTDVSEVSWTDN GTFNLSEGYTPQTDTSDDLDRPSEEVFSRDLSDFPSLENGMGTNDEDELSLGLPTE LKRKKEQLDSGHRPSKETQSAAGLTLPNSDQTFHLSNLAGDVITAAVTAAIKDQL EGVQQALSQAAPIPEEDTDTEEGDDFELLDQSELDQIESELGLTQDQEAEAQQNKK SSGFLSNLLGGHTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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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	RETREG1 reticulophagy regulator 1 [Homo sapiens (human)]
Official Symbol	RETREG1
Synonyms	RETREG1; reticulophagy regulator 1; FAM134B; JK-1; JK1; reticulophagy regulator 1; family with sequence similarity 134 member B; protein FAM134B; reticulophagy receptor 1; reticulophagy receptor FAM134B
Gene ID	54463
mRNA Refseq	NM_019000
Protein Refseq	NP_061873
MIM	613114
UniProt ID	Q9H6L5

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SDS-PAGE

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