

Recombinant Human LRSAM1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. LRSAM1-1702H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LRSAM1 MS Standard C13 and N15-labeled recombinant protein (NP_001005374) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a ring finger protein involved in a variety of functions, including regulation of signaling pathways and cell adhesion, mediation of self-ubiquitylation, and involvement in cargo sorting during receptor endocytosis. Mutations in this gene have been associated with Charcot-Marie-Tooth disease. Multiple transcript variants encoding different isoforms have been identified for this gene.
Molecular Mass	83.6 kDa
AA Sequence	MPLFFRKRPSEEARKRLEYQMCLAKEAGADDILDISKCELSIEIPFGAFATCKVLQKK VLIVHTNHLTSLLPKSCSLLSLATIKVLDLHDNQLTALPDDLGLTALQVLNVERNQLM QLPRSIGNLTQLQTLNVKDNKLKELPDTVGELRSLRTLNISGNEIQRLPQMLAHVRTL EMLSLDASAMVYPPREVCAGAGTAAILQFLCKESGLEYYPPSQYLLPILEQDGIENSR DSPDGPTDRFSREELEWQNRFSYDYEKRKEQKMLEKLEFERRLELGQREHTQLLQQ SSSQKDEILQTVKEEQSRLEQGLSEHQRHLDAERQRLQEQLKQTEQNISSRIQKLLQ DNQRQKKSSEILKSLENERIRMEQLMSITQEETESLRRRDVASAMQQMLTESCKNR LIQMAYESQRQNLVQQACSSMAEMDERFQQILSWQQMDQNKAISQILQESAMQKA

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AFEALQVKKDLMHRQIRSQIKLIETELLQLTQLELKRKSLDTESLQEMISEQRWALSSL
LQQLLKEKQQREEELREILTELEAKSETRQENYWLIQYQRLNPKPLSLKLQEEGME
RQLVALLEELSAEHYLPIFAHHRLSLDLLSQMSPGDLAKGVSEAGLQHEILRRVQEL
LDAARIQPELKPPMGEVVTPTAPQEPPEVSRPSAPPAELEVQASECVVCLEREAQMI
FLNCGHVCCCQCCQPLRTCPLCRQDIAQRLRIYHSSTRTRPLEQKLISEEDLAAND
ILDYKDDDDKV

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	LRSAM1 leucine rich repeat and sterile alpha motif containing 1 [Homo sapiens (human)]
Official Symbol	LRSAM1
Synonyms	LRSAM1; leucine rich repeat and sterile alpha motif containing 1; E3 ubiquitin-protein ligase LRSAM1; FLJ31641; Tsg101-associated ligase; TAL; CMT2P; RIFLE;
Gene ID	90678
mRNA Refseq	NM_001005374

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Protein Refseq	NP_001005374
MIM	610933
UniProt ID	Q6UWE0

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