

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

**Cat. No.** LRSAM1-2558H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | LRSAM1 MS Standard C13 and N15-labeled recombinant protein (NP_001005373) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Description</b>      | 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.                                                                                |
| <b>Molecular Mass</b>   | 83.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>      | MPLFFRKRPSEEARKRLEYQMCLAKEAGADDILDISKCELSIEIPFGAFATCKVLQKK<br>VLIVHTNHLTSLLPKSCSLLSLATIKVLDLHDNQLTALPDDLGLTALQVLNVERNQLM<br>QLPRSIGNLTQLQTLNVKDNKLKELPDTVGELRSLRTLNISGNEIQRLPQMLAHVRTL<br>EMLSLDASAMVYPPREVCAGAGTAAILQFLCKESGLEYYPPSQYLLPILEQDGIENSR<br>DSPDGPTDRFSREELEWQNRFSDEYKREKQKMLEKLEFERRLELGQREHTQLLQQ<br>SSSQKDEILQTVKEEQSRLEQGLSEHQRHLDAERQRLQEQLKQTEQNISSRIQKLLQ<br>DNQRQKKSSEILKSLENERIRMEQLMSITQEETESLRRRDVASAMQQMLTESCKNR<br>LIQMAYESQRQNLVQQACSSMAEMDERFQQILSWQQMDQNKAISQILQESAMQKA |

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AFEALQVKKDLMHRQIRSQIKLIETELLQLTQLELKRKSLDTESLQEMISEQRWALSSL  
LQQLLKEKQQREEELREILTELEAKSETRQENYWLIQYQRLLNQKPLSLKLQEEGME  
RQLVALLEELSAEHYLPFAHHRLSLDLLSQMSPGDLAKGVSEAGLQHEILRRVQEL  
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\_001005373

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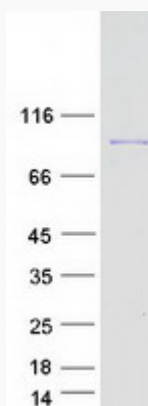
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**Protein Refseq** NP\_001005373

**MIM** 610933

**UniProt ID** Q6UWE0

**SDS-PAGE**



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