

Recombinant Human LRIG1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. LRIG1-5678H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LRIG1 MS Standard C13 and N15-labeled recombinant protein (NP_056356) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	LRIG1 (Leucine Rich Repeats And Immunoglobulin Like Domains 1) is a Protein Coding gene. Diseases associated with LRIG1 include Verrucous Carcinoma and Hyaline Fibromatosis Syndrome. Among its related pathways are RET signaling and Signaling by GPCR. An important paralog of this gene is LRIG3.
Molecular Mass	118.9 kDa
AA Sequence	MARPVRGGLGAPRRSPCLLLLWLLLLRLEPVTAAGPRAPCAAACCTCAGDSLDCGG RGLAALPGDLPSWTRSLNLSYNKLSEIDPAGFEDLPNLQEVYLNNNELTAVPSLGAA SSHVVSFLQHNKIRSVESQLKAYLSLEVLDLSLNNITEVRNTCFPHGPPIKELNLA GNRIGTLELGAFDGLSRLLTLRLSKNRLITQLPVRAFKLPRLTQLDLNRNRIRLIEGLT FQGLNSLEVCLKQRNNISKLTDGAFWGLSKMHVHLHLEYNLSLEVNSGSYGLTALHQ LHLSNNSIARIHRKGWSFCQKLHELVLFSNNLTRLDEESLAELSSLSVLRSLSHNSISHI AEGAFKGLRSLRVLDLDHNEISGTIEDTSGAFSGLDSLKLTFLGNKIKSVAKRAFSG LEGLEHLNLGGNAIRSVQFADFVKMKNLKEHISSDSFLCDCQLKWLPWPWLIGRMLQ AFVTATCAHPESLKGQSIFSVPPESFVCDDFLKPQIITQPETTMAMVKGDIRFTCSAA

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SSSSSPMTFAWKKDNEVLTNADMENFVHVHAQDGEVMEYTTILHLRQVTFGHEGR
 YQCVITNHFGSTYSHKARLTVNVLPSTKTPHDITIRTTTMMARLECAATGHPNPQIAW
 QKDGGTDFPAARERRMHVMPDDDDVFFITDVKIDDAGVYSCTAQNSAGSISANATLT
 VLETPSLVPLEDRVVSGETVALQCKATGNPPPRITWFKGDRPLSLTERHHLTPDN
 QLLVVQNVVAEDAGRYTCEMSNTLGTERAHSQLSVLPAAGCRKDGTTVGIFTIAVVS
 SIVLTSLVWVCIIYQTRKKSEEYSVTNTDETVPDPVPSYLSSQGTLSDRQETVVRTE
 GGPQANGHIESNGVCPRDASHFPEPDTHSVACRQPKLCAGSAYHKEPWKAMEKAE
 GTPGPHKMEHGGRVVCSDCNTEVDCYSRGAQFHPQVSRDSAQPSAPNGPEPGG
 SDQEHSPPHHQCSRTAAGSCPECQGSLYPSNHDRMLTAVKKKPMASLDGKGDSSW
 TLARLYHPDSTELQPASSLTSGSPERAEQYLLVSNHGLPKACDASPESTPLTGQLP
 GKQRVPLLLAPKSTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 LRIG1 leucine-rich repeats and immunoglobulin-like domains 1 [Homo sapiens (human)]

Official Symbol LRIG1

Synonyms LRIG1; leucine-rich repeats and immunoglobulin-like domains 1; leucine-rich repeats

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and immunoglobulin-like domains protein 1; DKFZP586O1624; leucine rich repeat protein LRIG1; LIG 1; LIG1; ortholog of mouse integral membrane glycoprotein LIG 1; leucine-rich repeat protein LRIG1; ortholog of mouse integral membrane glycoprotein LIG-1; LIG-1; DKFZp586O1624;

Gene ID 26018

mRNA Refseq NM_015541

Protein Refseq NP_056356

MIM 608868

UniProt ID Q96JA1

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