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	MARPVRGGLGAPRRSPCLLLLWLLLLRLEPVTAAAGPRAPCAAACTCAGDSLDCGG RGLAALPGDLPSWTRSLNLSYNKLSEIDPAGFEDLPNLQEVYLNNNELTAVPSLGAA SSHVVSLFLQHNKIRSVEGSQLKAYLSLEVLDLSLNNITEVRNTCFPHGPPIKELNLA GNRIGTLELGAFDGLSRSLLTLRLSKNRITQLPVRAFKLPRLTQLDLNRNRIRLIEGLT FQGLNSLEVLKLQRNNISKLTDGAFWGLSKMHVLHLEYNSLVEVNSGSLYGLTALHQ LHLSNNSIARIHRKGWSFCQKLHELVLSFNNLTRLDEESLAELSSLSVLRLSHNSISHI AEGAFKGLRSLRVLDLDHNEISGTIEDTSGAFSGLDSLSKLTLFGNKIKSVAKRAFSG LEGLEHLNLGGNAIRSVQFDAFVKMKNLKELHISSDSFLCDCQLKWLPPWLIGRMLQ AFVTATCAHPESLKGQSIFSVPPESFVCDDFLKPQIITQPETTMAMVGKDIRFTCSAA

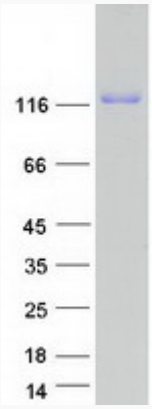
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	SSSSSPMTFAWKKDNEVLTNADMENFVHVHAQDGEVMEYTTILHLRQVTFGHEGR YQCVITNHFGSTYSHKARLTVNVLPSFTKTPHDITIRTTTMARLECAATGHPNPQIAW QKDGGTDFPAARERRMHVMPDDDVFFITDVKIDDAGVYSCTAQNSAGSISANATLT VLETPSLVVPLEDRVVSVGETVALQCKATGNPPPRITWFKGDRPLSLTERHHLTPDN QLLVVQNVVAEDAGRYTCEMSNTLGTERAHSQLSVLPAAGCRKDGTTVGIFTIAVVS SIVLTSLVWVCIIYQTRKKSEEYSVTNTDETVVPPDVPSYLSSQGTLSDRQETVVRTE GGPQANGHIESNGVCPRDASHFPEPDTHSVACRQPKLCAGSAYHKEPWKAMEKAE GTPGPHKMEHGGRVVCSDCNTEVDCYSRGQAFHPQPVSRDSAQPSAPNGPEPGG SDQEHSPHHQCSRTAAGSCPECQGSLYPSNHDRMLTAVKKKPMASLDGKGDSSW TLARLYHPDSTELQPASSLTSGSPERAEAQYLLVSNGHLPKACDASPESTPLTGQLP 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
SDS-PAGE	

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