

## Product datasheet for TP323584

### LRIG1 (NM\_015541) Human Recombinant Protein

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Recombinant protein of human leucine-rich repeats and immunoglobulin-like domains 1 (LRIG1), 20 µg |
| Species:                              | Human  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >RC223584 representing NM_015541<br>Red=Cloning site Green=Tags(s)                                 |

MARPVRGGLGAPRRSPCLLLLWLLLLRLEPVTAAGPRAPCAAACCTCAGDSLDCGGRGLAALPGDLPSWT  
RSLNLSYNKLSEIDPAGFEDLPNLQEVYLNNEELTAVPSLGAASSHVSLFLQHNKIRSVESGSQLKAYLS  
LEVLDLSLNNITEVRNTCFPHGPPIKELNLNLAGNRIGTLELGAFDGLSRSLTLRLSKNRITQLPVRFAFL  
PRLTQLDLNRNRIRLIEGLTFQGLNSLEVLKLRNNISKLTDGAFWGLSKMHVHLHLEYNLSLEVNSGSLY  
GLTALHQLHLSNNSIARIHRKGW SFCQKLHEL VLSFN NLR LDEESLAELSSLSVLR LSHNSISHIAEGA  
FKGLRSLRVLDLDHNEISGTIEDTSGAFSGLDLSKLT LFGNKIKSVAKRAFSGLEGLEHLNLGGNAIRS  
VQFDAFVKMKNLKELHISSDSFLCDCQKWLPPWLIGRMLQAFVTATCAHPESLKGQSIFSVPPESFVCD  
DFLKPQIITQPETTMAMVKGDIRFTCSAASSSSPMTFAWKKDNEVL TNADMENFVHVHAQDGEVMEYTT  
ILHLRQVTFGHEGRYQCVITNHF GSTYSHKARLTVNVLPSFTKTPHDITIRTTT MARLECAATGHPNPQI  
AWQKDG GTDFPAARERRMHVMPDDD VFFITDVKIDDAGVYSCTA QNSAGSISANATLTVLET PSLVVPLE  
DRVSVGETVALQCKATGNPPPRITWFKGDRPLSLTERHHLTPDNQLLVQNVAEDAGRYTCEMSNTLG  
TERAHSQLSVLP AAGCRKDGT TVGIFTIAVSSIVL TSLVWVCIYQTRKKSEEYSVTNTDET VPPDVP  
SYLSSQGTLSDRQETVWRTEGGPQANGHIESNGVCPRDASHFPEPDTHSVACRQPKLCAGSAYHKPEWKA  
MEKAEGTPGPHKMEHGGRVVCSDCNTEVDCYSRQAFHPQPVS RDSAQPSAPNGPEPGGSDQEHSPPHQC  
SRTAAGSCPECQGS LYP SNHDRMLTAVKKKPMASLDGKGDSSWTLARLYHPDSTELQPASLTS GSPERA  
EAQYLLVSNGHLPKACDASPESTPLTGQLPGKQRVPLLLAPKS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

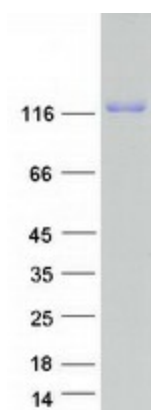
|                |   |
|----------------|---|
| Tag:           | C-Myc/DDK   |
| Predicted MW:  | 118.9 kDa   |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method          |
| Purity:        | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer:        | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol        |



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|                          |   |
|--------------------------|---|
| <b>Preparation:</b>      | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.  |
| <b>Note:</b>             | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.  |
| <b>Storage:</b>          | Store at -80°C.   |
| <b>Stability:</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.   |
| <b>RefSeq:</b>           | <a href="#">NP_056356</a>   |
| <b>Locus ID:</b>         | 26018   |
| <b>UniProt ID:</b>       | <a href="#">Q96JA1</a>  |
| <b>RefSeq Size:</b>      | 4812  |
| <b>Cytogenetics:</b>     | 3p14.1  |
| <b>RefSeq ORF:</b>       | 3279  |
| <b>Synonyms:</b>         | LIG-1; LIG1   |
| <b>Summary:</b>          | Acts as a feedback negative regulator of signaling by receptor tyrosine kinases, through a mechanism that involves enhancement of receptor ubiquitination and accelerated intracellular degradation.[UniProtKB/Swiss-Prot Function] |
| <b>Protein Families:</b> | Transmembrane   |

### Product images:



Coomassie blue staining of purified LRIG1 protein (Cat# TP323584). The protein was produced from HEK293T cells transfected with LRIG1 cDNA clone (Cat# [RC223584]) using MegaTran 2.0 (Cat# [TT210002]).