

Product datasheet for TP306780

LRG1 (NM_052972) Human Recombinant Protein

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human leucine-rich alpha-2-glycoprotein 1 (LRG1), 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC206780 protein sequence Red =Cloning site Green =Tags(s) |
| | MSSWSRQRPKSPGGIQPHVSRTLFLLLLLAASAWGVTLSPKDCQVFRSDHGSSISCQPPAEIPGYLPADT VHLAVEFFNLTHLPANLLQGASKLQELHLSSNGLESLSPEFLRPVQRLRVLDLTRNALTGLPSGLFQASA TLDTLVLKENQLEVLEVSWLHGLKALGHLDLSGNRLRKLPPGLLANFTLLRTLDELGENQLETLPDLLRG PLQLERLHLEGNKLQVLGKDLLLPQPDRLRYLFLNGNKLARVAAGAFQGLRQLDMLDLSNNSLASVPEGLW ASLGQPNWDMRDGFDISGNPWICDQNLSDLYRWLQAQKDKMFSQNDTRCAGPEAVKGQTLAVAKSQ |
| | TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Predicted MW: | 38 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 |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | <u>NP_443204</u> |
| Locus ID: | 116844 |



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UniProt ID: [P02750, Q68CK4](#)

RefSeq Size: 1780

Cytogenetics: 19p13.3

RefSeq ORF: 1041

Synonyms: HMFT1766; LRG

Summary: The leucine-rich repeat (LRR) family of proteins, including LRG1, have been shown to be involved in protein-protein interaction, signal transduction, and cell adhesion and development. LRG1 is expressed during granulocyte differentiation (O'Donnell et al., 2002 [PubMed 12223515]).[supplied by OMIM, Mar 2008]

Protein Families: Secreted Protein

Product images:



Coomassie blue staining of purified LRG1 protein (Cat# TP306780). The protein was produced from HEK293T cells transfected with LRG1 cDNA clone (Cat# [RC206780]) using MegaTran 2.0 (Cat# [TT210002]).