

## **Product datasheet for TP306780**

## OriGene Technologies, Inc.

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## LRG1 (NM 052972) Human Recombinant Protein

**Product data:** 

**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** >RC206780 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MSSWSRQRPKSPGGIQPHVSRTLFLLLLAASAWGVTLSPKDCQVFRSDHGSSISCQPPAEIPGYLPADT VHLAVEFFNLTHLPANLLQGASKLQELHLSSNGLESLSPEFLRPVPQLRVLDLTRNALTGLPSGLFQASA TLDTLVLKENQLEVLEVSWLHGLKALGHLDLSGNRLRKLPPGLLANFTLLRTLDLGENQLETLPPDLLRG PLQLERLHLEGNKLQVLGKDLLLPQPDLRYLFLNGNKLARVAAGAFQGLRQLDMLDLSNNSLASVPEGLW ASLGQPNWDMRDGFDISGNPWICDQNLSDLYRWLQAQKDKMFSQNDTRCAGPEAVKGQTLLAVAKSQ

**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:** NP 443204 **Locus ID:** 116844





UniProt ID: <u>P02750</u>, <u>Q68CK4</u>

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

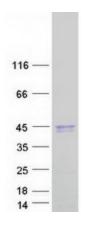
involved in protein-protein interaction, signal transduction, and cell adhesion and

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]).