

## Product datasheet for TP306780M

### LRG1 (NM\_052972) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human leucine-rich alpha-2-glycoprotein 1 (LRG1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206780 protein sequence Red=Cloning site Green=Tags(s)
	MSSWSRQRPKSPGGIQPHVSRTLFLLLLLAASAWGVTLSPKDCQVFRSDHGSSISCQPPAEIPGYLPADT VHLAVEFFNLTHLPANLLQGASKLQELHLSSNGLESLSPEFLRPVQLRVLDLTRNALTGLPSGLFQASA TLDTLVLKENQLEVLEVSWLHGLKALGHLDLSGNRLRKLPPGLLANFTLLRTLDTLGENQLETLPDLLRG PLQLERLHLEGNKLQVLGKDLLLPQPDRLRYLFLNGNKLARVAAGAFQGLRQLDMLDLSNNSLASVPEGLW ASLGQPNWDMRDGFDISGNPWICDQNLSDLYRWLQAQKDKMFSQNDTRCAGPEAVKQQTLLAVAKSQ
	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:	<a href="#">NP_443204</a>
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]).