

**LRG1, 36-347aa, Human, His tag, E.coli**

**Cat.NO.: TP02842**

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3th Edition

**Synonyms:**Leucine-rich alpha-2-glycoprotein, HMFT1766, LRG

**Description:**The leucine-rich repeat (LRR) family of proteins, including LRG1, has been shown to be involved in protein-protein interaction, signal transduction, and cell adhesion and development. LRG1 is expressed during granulocyte differentiation. Recombinant human LRG1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

**Molecular Weight:**36 kDa (335aa)

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSVTLSPKDCQVFRSDHGSSISCQPPAEIPGYLPADTVHLAVEFFNLTHLPANLL  
QGASKLQELHLSSNGLESLSPEFLRPVPQLRVLDLTRNALTGLPPGLFQASATLDTLVLKENQLEVLEVSWLHGLKA  
LGHLDSLGNRLRKLPPGLLANFTLLRTL DLGENQLETLPDLLRGPLQLERLHLEGNKLQVLGKDLLLPQPDRLRYFL  
NGNKLARVAAGAFQGLRQLDMLDLSNNSLASVPEGLWASLGQPNWDMRDGFDISGNPWICDQNLSDLYRWLQA  
QKDKMFSQNDTRCAGPEAVKGQTLLAVAKSQ

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.