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# Recombinant human LRG1 protein

Catalog Number: ATGP2295

#### **PRODUCT INFORMATION**

# **Expression system**

E.coli

#### **Domain**

36-347aa

#### UniProt No.

P02750

#### **NCBI Accession No.**

NP 443204

#### **Alternative Names**

Leucine-rich alpha-2-glycoprotein, HMFT1766, LRG

## PRODUCT SPECIFICATION

# **Molecular Weight**

36 kDa (335aa)

#### Concentration

1mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

### **Purity**

> 90% by SDS-PAGE

#### Tag

His-Tag

#### **Application**

SDS-PAGE, Denatured

### **Storage Condition**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

#### **BACKGROUND**

#### **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.

## **Amino acid Sequence**

MGSSHHHHHH SSGLVPRGSH MGSVTLSPKD CQVFRSDHGS SISCQPPAEI PGYLPADTVH LAVEFFNLTH LPANLLQGAS



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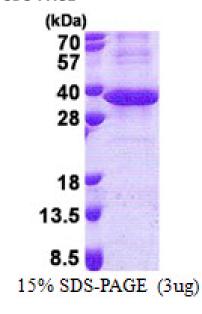
KLQELHLSSN GLESLSPEFL RPVPQLRVLD LTRNALTGLP PGLFQASATL DTLVLKENQL EVLEVSWLHG LKALGHLDLS GNRLRKLPPG LLANFTLLRT LDLGENQLET LPPDLLRGPL QLERLHLEGN KLQVLGKDLL LPQPDLRYLF LNGNKLARVA AGAFQGLRQL DMLDLSNNSL ASVPEGLWAS LGQPNWDMRD GFDISGNPWI CDQNLSDLYR WLQAQKDKMF SQNDTRCAGP EAVKGQTLLA VAKSQ

#### **General References**

O'Donnell LC, Druhan LJ, et al. (2002). J Leukoc Biol. 72(3):478-85. Cummings C, Walder J, et al. (2006). Apoptosis. 11(7):1121-9.

# **DATA**

#### **SDS-PAGE**



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

