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 MGS>VTLSPKD CQVFRSDHGS SISCQPPAEI PGYLPADTVH LAVEFFNLTH

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
Website: www.nkmaxbio.com email: supportbio@nkmax.com

Recombinant human LRG1 protein

Catalog Number: ATGP2295

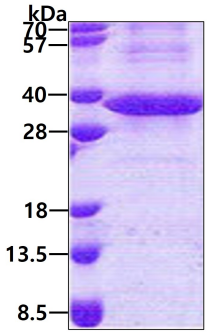
LPANLLQGAS KLQELHLSSN GLESLSPEFL RPVPQLRVLD LTRNALTGLP PGLFQASATL DTLVLKENQL EVLEVSWLHG LKALGHLDLS GNRLRKLPPG LLANFTLLRT LDLGENQLET LPPDLLRGPL QLERLHLEGN KLQVLGKDLL LPQPDLRYLF LNGNKLARVA AGAFQGLRQL DMLDLSNNSL ASVPEGLWAS LGQPNWDMRD GFDISGNPWI CDQNLSDLYR WLQAQKDKMF SQNDTRCAGP EAVKGQTLLA VAKSQ

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.