
Product Data Sheet

Product Name: LRG1 Human
 Cat. No.: GP23828
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	800x600 Leucine-rich alpha-2-glycoprotein; Leucine-RichAlpha-2-Glycoprotein 1; LRG; LRG1; HMFT1766.		
Amino Acid Sequence	800x600 MGSSHHHHHH SSGLVPRGSH MGSVTLSPKD CQVFRSDHGS SISCQPPAEI PGYLPADTVH LAVEFFNLTH LPANLLQGAS KLQELHLSSN GLELSPEFL RPVPQLRVLD LTRNALTGLP PGLFQASATL DTLVLKENQL EVLEVSWLHG LKALGHLDLS GNRLRKLPPG LLANFTLLRT LDLGENQLET LPPDLLRGPL QLERLHLEGN KLQVLGKDLL LPQPDLRYLF LNGNKLARVA AGAFQGLRQL DMLDLSNNSL ASVPEGLWAS LGQPNWDMRD GFDISGNPWI CDQNLSDLYR WLQAQKDKMF SQNDTRCAGP EAVKGGQTLA VAKSQ.		
Formulation	800x600 800x600 The LRG1 solution (1mg/ml) contains 20mM Tris-HCl buffer(pH 8.0), 0.4M Urea and 10% glycerol.		

Introduction

LRG1 belongs to the leucine-rich repeat (LRR) family of proteins, which have been shown to be involved in protein-protein interaction, signal transduction, cell adhesion and development. The LRG1 is expressed during granulocyte differentiation.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

LRG1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 335 amino acids (36-347) and having a molecular mass of 36 kDa. LRG1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary

Caution: Product has not been fully validated for medical applications. For research use only.

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chromatographic techniques.

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