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LRG1 Protein

Leucine-Rich Alpha-2-Glycoprotein 1 Human
RCP1261

Product Overview

Name	LRG1 Protein
Description	
Leucine-Rich Alpha-2-Glycoprotein 1 Human	
Accession (Primary)	P02750
Synonyms	
Leucine-rich alpha-2-glycoprotein, LRG, LRG1, FLJ45787, HMFT1766.	
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, and cell adhesion and development. The LRG1 is expressed during granulocyte differentiation.	
Source	
Human pooled serum.	
Formulation	
LRG1 protein filtered (0.4 μm) and lyophilized from 20mM Tris and 20mM NaCl, pH 8.	
Stability	
Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
VTLSPKDCQV FRSDHGSSIS CQPPAEIPGY LPADTVHLAV EFFNLTHLPA NLLQGASKLQ ELHLSSNGLE SLSPEFLRPV PQLRVLDLTR NALTGLPPGL FQASATLDTL VLKENQLEVL EVSWLHGLKA LGHLDLSGNR LRKLPPGLLA NFTLLRTLDL GENQLETLPP DLLRGPLQLE RLHLEGNKLQ VLGKDLLLPQ PDLRYLFLNG NKLARVAAGA FQGLRQLDML DLSNNSLASV PEGLWASLGQ PNWDMRDGFD ISGNPWICDQ NLSDLYRWLQ AQKDKMFSQN DTRCAGPEAV KGQTLLAVAK SQ.	
Solubility	
It is recommended to add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the	

lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Human Virus Test

Blood samples from each donor have been tested and found negative for HBsAg, anti-HCV, HIV Ag/Ab, and syphilis.

Precautions

LRG1 Protein is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P02750)