ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Leucine-Rich Alpha-2-Glycoprotein 1 Human

Item Number	rAP-2621
Synonyms	Leucine-rich alpha-2-glycoprotein, LRG, LRG1, FLJ45787, HMFT1766.
Description	The Human LRG1 produced from human pooled serum has a molecular mass of 34.35kDa (calculated without glycosylation) containing 312 amino acid residues.
Uniprot Accesion Number	P02750
Amino Acid Sequence	VTLSPKDCQV FRSDHGSSIS CQPPAEIPGY LPADTVHLAV EFFNLTHLPA NLLQGASKLQ ELHLSSNGLE SLSPEFLRPV PQLRVLDLTR NALTGLPPGL FQASATLDTL VLKENQLEVL EVSWLHGL-KA LGHLDLSGNR LRKLPPGLLA NFTLLRTLDL GENQLETLPP DLLRGPLQLE RLHLEGNKLQ VLGKDLLLPQ PDLRYLFLNG NKLARVAAGA FQGLRQLDML DLSNNSLASVPEGLWASLGQ PNWDMRDGFD ISGNPWICDQ NLSDLYRWLQ AQKDKMFSQN DTRCAGPEAV KGQTLLAVAK SQ.
Source	Human pooled serum.
Physical Appearance and 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.
Formulation and Purity	LRG1 protein filtered (0.4μm) and lyophilized from 20mM Tris and 20mM NaCl, pH 8. Greater than 95.0% as determined by SDS-PAGE.
Application	
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 ap-propriate sterile filter before using it
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final condi-tions should be optimized by the ender users! This product is sold for Research Use Only

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