
Product Data Sheet

Product Name: LRG1 Human, Sf9

Cat. No.: GP23829

Batch No.: 1

Product Data

Purity >98% Source Sf9, Baculovirus cells.

Physical Appearance solid Shipping Condition Shipped with Ice Packs.

Synonyms Leucine Rich Alpha-2-Glycoprotein 1; Leucine-Rich Alpha-2-Glycoprotein; 1300008B03Rik; 2310031E04Rik; HMFT1766; Leucine-rich alpha-2-glycoprotein; LRG1; LRG.

Amino Acid Sequence
ADPVTLSPKD CQVFRSDHGS SISCQPPAEI PGYLPADTVH LAVEFFNLTH
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
EAVKGQTLA VAKSQHHHHH H

Formulation LRG1 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) 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 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 321 amino acids (36-347a.a.) and having a molecular mass of 35.4kDa.

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

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(Molecular size on SDS-PAGE will appear at approximately 40-57kDa). LRG1 is expressed with a 9 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

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