

Recombinant Human LRG1 protein, T7/His-tagged

Cat. No. LRG1-54H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human LRG1 cDNA (36 – 347 aa, derived from BC034389) fused with T7-His-TEV cleavage site Tag (29aa) at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	36-347 a.a.
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	MASMTGGQQMGRGHHHHHHENLYFQGGFVTLSPKDCQVFRSDHGSSISCQPPA EIPGYLPADTVHLAVEFFNLT HLPANLLQGASKLQELHLSSNGLESLSPEFLRPVQQL RVLDLTRNALTGLPPGLFQASATLDTLVLKENQLEVLE VSWLHGLKALGHLDLSG NR LRKLPPGLLANFTLLRTL DLGENQLETLPD LLRGPLQLERLHLEG NKLQVLGKDL LL PQPDLRYLFLNGNKLARVAAGAFQGLRQLDMLDLSNNSLASVPEGLWASLGQPNW DMRDGFDISGNPWICDQN LSDLYRWLQAQKDKMFSQNDTRCAGPEAVKGQTLA VAKSQ
Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro LRG1 protein mediated cell adhesion pathway regulation study for various cancer cell growth controlling with this protein as either coating matrix protein or soluble factor.2. May be used as LRG1 protein-protein interaction

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assay.3. As enzymatic substrate for various proteases.4. Potential biomarker protein for various cancer diseases.5. As antigen for specific antibody production.

Storage

Keep at -80centigrade for long term storage. Product is stable at 4 centigrade for at least 30 days.

GENE INFORMATION

Gene Name

LRG1 leucine-rich alpha-2-glycoprotein 1 [Homo sapiens]

Official Symbol

LRG1

Synonyms

LRG1; leucine-rich alpha-2-glycoprotein 1; leucine-rich alpha-2-glycoprotein; leucine rich alpha 2 glycoprotein; LRG; 1300008B03Rik; 2310031E04Rik; HMFT1766; FLJ45787;

Gene ID

116844

mRNA Refseq

NM_052972

Protein Refseq

NP_443204

MIM

611289

UniProt ID

P02750

**Chromosome
Location**

19

Function

molecular_function;

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