

Recombinant Human LRG1 Protein, Fc/HIS-tagged

Cat. No. LRG1-159H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LRG1 fused with Fc/HIS His tag at C-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The leucine-rich repeat (LRR) family of proteins, including LRG1, have been shown to be involved in protein-protein interaction, signal transduction, and cell adhesion and development. LRG1 is expressed during granulocyte differentiation (O'Donnell et al., 2002 [PubMed 12223515]).
Form	Lyophilized from a 0.2 M filtered solution of PBS, pH 7.4
Molecular Mass	62.3kD
AA Sequence	VTLSPKDCQVFRSDHGSSISCQPPAEIPGYLPADTVHLAVEFFNLTHLPANLLQGAS KLQELHLSSNGLESLSPEFLRPVPQLRVLDLTRNALTGLPPGLFQASATLDTLVLKEN QLEVLEVSWLHGLKALGHLDLSGNRLRKLP PGLLANFTLLRTL D L G E N Q L E T L P P D L L RGPLQLERLHLEG N K L Q V L G K D L L P Q P D L R Y L F L N G N K L A R V A A G A F Q G L R Q L D M LDLSNNSLASVPEGLWASLGQPNWDMRDGFDISGNPWICDQNLSDLYRWLQAQKD KMFSQNDTRCAGPEAVKGQTLLAVAKSQVDDIEGRMDEPKSCDKTHTCPPCPAPE LLGGPSVFLFPPKPKD T L M I S R T P E V T C V V V D V S H E D P E V K F N W Y V D G V E V H N A K T K P R E E Q Y N S T Y R V V S V L T V L H Q D W L N G K E Y K C K V S N K A L P A P I E K T I S K A K G Q P R E P Q V Y T L P P S R E E M T K N Q V S L T C L V K G F Y P S D I A V E W E S N G Q P E N N Y K T T P P V L D S D G

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SFFLYSKLTVDKSRWQQGNVFSCSVMEALHNHYTQKSLSLSPGKHHHHHH

Endotoxin Endotoxin level is <0.1 ng/g of protein (<1EU/g).

Purity >95% as determined by SDS-PAGE and Coomassie blue staining

Concentration Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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](#)

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