

Leucine Rich Alpha-2-Glycoprotein 1 (LRG1) Recombinant Protein | LRG1 recombinant protein

Recombinant Leucine Rich Alpha-2-Glycoprotein 1 (LRG1)

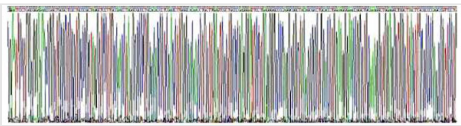
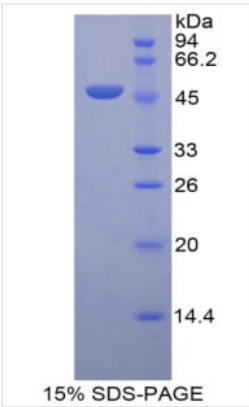
CATALOG # AAA134054	HOST E.coli	REACTIVITY Rattus norvegicus (Rat)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Leucine Rich Alpha-2-Glycoprotein 1 (LRG1); Recombinant Leucine Rich Alpha-2-Glycoprotein 1 (LRG1); LRG1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Rattus norvegicus (Rat)
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 250ug/mL (varies by lot)
Sequence	LAENRLRSLP ARLLANLGAL HTLDLGHNLL ESLPEGFLRG PRRLQRLHLE GNRLQRLEAG LLAPQPFLGV LFLNDNQLTA VAADSFRLK QLDMLDLSNN SLSSTPPGLW AFLGRPTRDM QDGFVSHNP WVCDDKDLVDL CRWLAANRHK MFSQNDTLCA GPEAVRGQRL LDVAELGTL
Applicable Applications for LRG1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Leu154~Leu332
Tags	N-terminal His and GST Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	6.5
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C. Aliquot and store at -80°C. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	57528407
NCBI GeneID	367455
NCBI Accession #	NP_001009717.1
NCBI GenBank Nucleotide #	NM_001009717.1
UniProt Accession #	Q5I0E1
Molecular Weight	Predicted Molecular Mass: 49.9kDa Accurate Molecular Mass: 50kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	leucine-rich alpha-2-glycoprotein
NCBI Official Synonym Full Names	leucine-rich alpha-2-glycoprotein 1
NCBI Official Symbol	Lrg1
NCBI Protein Information	leucine-rich alpha-2-glycoprotein
UniProt Protein Name	Leucine-rich alpha-2-glycoprotein 1
UniProt Gene Name	Lrg1
UniProt Entry Name	Q5I0E1_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.