

Low Density Lipoprotein Receptor Related Protein 4 Recombinant Protein | LRP4 recombinant protein

Recombinant Low Density Lipoprotein Receptor Related Protein 4 (LRP4)

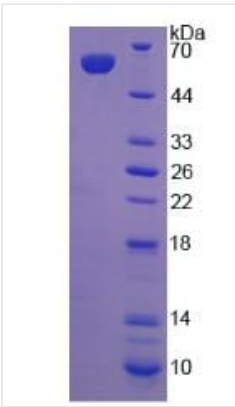
CATALOG # AAA144138	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Low Density Lipoprotein Receptor Related Protein 4; Recombinant Low Density Lipoprotein Receptor Related Protein 4 (LRP4); LRP4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for LRP4 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Arg1610~Arg1885
Tags	N-terminal His and GST Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	5.9
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 degree C for one month. Aliquot and store at -80 degree C for 12 months. 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 degree 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

R QTGTNACGVN NGGCTHLCFA RASDFVCACP DEPDSPRCSL
VPGLVPPAPR ATQMSEKSPV LPNTPPTTLY SSTTRTRTSL EEVEGRCSER
DARLGLCARS NDAVPAAPGE GLHISYAIGG LLSILLILVV IAALMLYRHK
KSKFTDPGMG NLTYSNPSYR TSTQEVKIEA IPKPAMYNQL CYKKEGGPDH
NYTKEKIKIV EGICLLSGDD AEWDOLKQLR SSRGGLLRDH VCMKTDTVSI
QASSGSLDDT ETEQLLQEEQ SECSSVHTAA TPERR

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	157384998
NCBI GeneID	4038
NCBI Accession #	NP_002325.2
NCBI GenBank Nucleotide #	NM_002334.3
Molecular Weight	Predicted Molecular Mass: 59.9kDa Accurate Molecular Mass: 60kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	low-density lipoprotein receptor-related protein 4
NCBI Official Synonym Full Names	low density lipoprotein receptor-related protein 4
NCBI Official Symbol	LRP4
NCBI Official Synonym Symbols	CLSS; CMS17; LRP-4; LRP10; MEGF7; SOST2
NCBI Protein Information	low-density lipoprotein receptor-related protein 4
UniProt Protein Name	Low-density lipoprotein receptor-related protein 4
UniProt Gene Name	LRP4
UniProt Synonym Gene Names	KIAA0816; LRP10; MEGF7; LRP-4
UniProt Entry Name	LRP4_HUMAN

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.