

Low Density Lipoprotein Receptor Related Protein 5 (LRP5) Recombinant Protein | LRP5 recombinant protein

Recombinant Low Density Lipoprotein Receptor Related Protein 5 (LRP5)

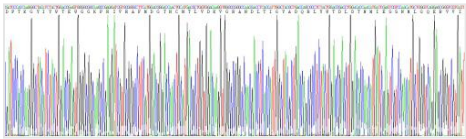
CATALOG # AAA20222	HOST E Coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS SDS-Page, Western Blot
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PRODUCT SYNONYMS

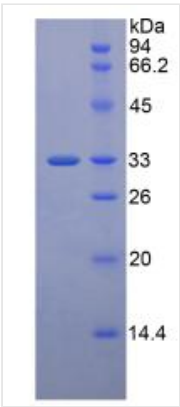
Low Density Lipoprotein Receptor Related Protein 5 (LRP5); Recombinant Low Density Lipoprotein Receptor Related Protein 5 (LRP5); LRP5 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Homo sapiens (Human)
Purity/Purification	>90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300
Concentration	Original Concentration: 200µg/mL (varies by lot)
Applicable Applications for LRP5 recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Source	Prokaryotic expression.
Residues	Asp769~Leu1016
Tags	N-terminal His-Tag
Tissue Specificity	Liver, Aorta.
Subcellular Location	Membrane; Endoplasmic reticulum lumen.
Traits	Freeze-dried powder
Predicted isoelectric point	6.2
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.



Application Data



SDS-PAGE

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DP  TKGVIYVTEW  GKPRIVRAF  MDGTNCHTLV
DKVGRANDLT  IDYADQRLYM  TDLDTNMIES  SNMLGQERVV  IADDLPHFPF
LTQYSDYIYN  TDWNLHSIER  ADKTSGRNRT  LIQGHLDVFM  DILVFHSSRQ
DGLNDCMHHN  GQCGQLCLAI  PGHRCGCAS  HYTLDPSSRN  CSPPTTFLF
SQKSAISRM  PDDQHSPDLI  LPLHGLRNVK  AIDYDPLDKF  IYVVDGRQNI
KRAKDDGTQP  FVLTSL
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Sequence Information

NCBI AND UNIPROT INFORMATION

NCBI GI #	119709832
NCBI GeneID	4041
NCBI Accession #	NP_002326.2
NCBI GenBank Nucleotide #	NM_002335.2
UniProt Accession #	O75197; Q96TD6; Q9UES7; Q9UP66
Molecular Weight	Predicted Molecular Mass:31.9kDa Accurate Molecular Mass: 33kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	low-density lipoprotein receptor-related protein 5
NCBI Official Synonym Full Names	low density lipoprotein receptor-related protein 5
NCBI Official Symbol	LRP5
NCBI Official Synonym Symbols	HBM; LR3; OPS; EVR1; EVR4; LRP7; OPPG; BMND1; OPTA1; VBCH2
NCBI Protein Information	low-density lipoprotein receptor-related protein 5; LRP-5; low density lipoprotein receptor-related protein 7
UniProt Protein Name	Low-density lipoprotein receptor-related protein 5
UniProt Gene Name	LRP5
UniProt Synonym Gene Names	LR3; LRP7; LRP-5
UniProt Entry Name	LRP5_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.