

Low Density LiPoprotein Receptor Related Protein 5 Recombinant Protein | LRP5 recombinant protein

Recombinant Low Density LiPoprotein Receptor Related Protein 5 (LRP5)

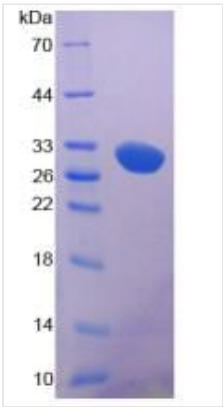
CATALOG # AAA144497	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag, its sequence is listed below. IVISGLVSPDGLACDWVGKKLYWTDSETNRIEVANLNGTSRKVLFWQDLDPRAIALDPAHGMYWTD WGEAPRIERAGMDGSTRKII VDSDIYWPNGLTIDLEEQLYWADAKLSFIHRANLDGSFRQKVVEGSLTH PFALTLSGDTLYWTDWQTRS IHACNKWTGEKRKEILSALYSPMDIQVLSQERQPPFHTPC EEGNGGCSSL CLLSPREPFYSCACPTGVQLQDNGKTC
Sequence Length	1615
Applicable Applications for LRP5 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	30.3kDa
Accurate Molecular Mass (KD)	30kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and S-tag
Organism Species	Rattus norvegicus (Rat)
Fragment	Ile102~Cys336
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
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 of the target protein. 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 of this protein is less than 5% within the expiration date under appropriate storage condition.



IVISGLVSP DGLACDWGK KLYWTDSETN RIEVANLNGT SRKVLFWQDL
DQPRAIALDP AHGYMYWTDW GEAPRIERAG MDGSTRKIIV DSDIYWPNGL
TIDLEEKLY WADAKLSFIH RANLDGSFRQ KVVEGSLTHP FALTLSGDTL
YWTDWQTRSI HACNKTGEEK RKEILSALYS PMDIQVLSQE RQPPFHTPCE
EGNGGCSHLC LLSPREPFYS CACPTGVQLQ DNGKTC

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	119709832
NCBI GeneID	4041
NCBI Accession #	NP_002326.2
NCBI GenBank Nucleotide #	NM_002335.3
Molecular Weight	179,145 Da
NCBI Official Full Name	low-density lipoprotein receptor-related protein 5 isoform 1
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; LRP-5; OPTA1; VBCH2
NCBI Protein Information	low-density lipoprotein receptor-related protein 5
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.