

Low Density Lipoprotein Receptor Related Protein 6 (LRP6) Recombinant Protein | LRP6 recombinant protein

Recombinant Low Density Lipoprotein Receptor Related Protein 6 (LRP6)

CATALOG # AAA134346	HOST E. coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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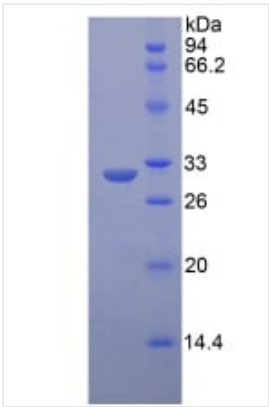
PRODUCT SYNONYMS

Low Density Lipoprotein Receptor Related Protein 6 (LRP6); Recombinant Low Density Lipoprotein Receptor Related Protein 6 (LRP6); LRP6 recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Reactivity	Homo sapiens (Human)
Purity/Purification	>92%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandT7-ta g,itsseque nceisliste dbelow. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGSEF-WI DSRQNMIRKA QEDGSQGFTV VVSSVPSQNL EIQPYDLSID IYSRYIYWTC EATNVINVTR LDGRSVGVVL KGEQDRPRAV VVNPEKGYMY FTNLQERSPK IERAALDGTE REVLFFSGLS KPIALALDSR LGKLFWADSD LRRIESSDLS GANRIVLEDS NILQPVGLTV FENWLYWIDK QQQMIEKIDM TGREGRTKVQ ARIAQLSDIH AVKELNLQEY RQHPCAQDNG G
Sequence Length	1613
Applicable Applications for LRP6 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression.
Residues	Trp981~Gly1213
Tags	N-terminal His-Tag
Tissue Specificity	Kidney, Brain.
Subcellular Location	Membrane; Single-pass type I membrane protein. Endoplasmic reticulum.
Traits	Freeze-dried powder
Predicted isoelectric point	6.3
Predicted Molecular Mass	30.3kDa
Accurate Molecular Mass	30kDa as determined by SDS-PAGE reducing conditions.
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	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 targetprotein. 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 andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES



WIDSRQNMIR KAQEDGSQGF
TVVSSVPSQ NLEIQPYDLS IDIYSRYIYW TCEATNVINV TRLDGRSVGV
VLKGEQDRPR AVVVNPEKGY MYFTNLQERS PKIERAALDG TEREVLFFSG
LSKPIALALD SRLGKLFWAD SDLRRIESSD LSGANRIVLE DSNILQPVGL
TVFENWLYWI DKQQQMIEKI DMTGREGRK VQARIAQLSD IHAVKELNLQ
EYRQHPCAQD NGG

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	148727288
NCBI GeneID	4040
NCBI Accession #	NP_002327.2
NCBI GenBank Nucleotide #	NM_002336.2
UniProt Accession #	O75581; Q17RZ2
NCBI Official Full Name	low-density lipoprotein receptor-related protein 6
NCBI Official Synonym Full Names	low density lipoprotein receptor-related protein 6
NCBI Official Symbol	LRP6
NCBI Official Synonym Symbols	ADCAD2
NCBI Protein Information	low-density lipoprotein receptor-related protein 6; LRP-6
UniProt Protein Name	Low-density lipoprotein receptor-related protein 6
UniProt Gene Name	LRP6
UniProt Synonym Gene Names	LRP-6
UniProt Entry Name	LRP6_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.

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Online datasheet: <https://stage.aaabiotech.com/lrp6-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134346>