

LDLR recombinant protein

Biotinylated Human LDLR Protein Recombinant

CATALOG #	HOST
AAA76300	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

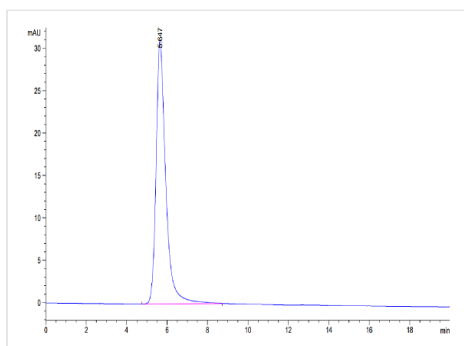
PRODUCT SYNONYMS

LDLR; Biotinylated Human LDLR Protein Recombinant; LDLR recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human LDLR was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human LDLR including a C-His-Avi tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVitag biotinylation technology.
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Molecular Function	Receptor
Biological Process	Lipid-metabolism, Endocytosis, Host-virus-interaction
Reconstitution	Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C

IMAGES



Application Data

Biotinylated Human LDLR Protein SEC-HPLC The purity of Biotinylated Human LDLR is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human LDLR Protein Tris-Bis PAGE Biotinylated Human LDLR on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for LDLR recombinant protein	Biotinylated proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504975
NCBI GeneID	3949
NCBI Accession #	NP_000518.1
NCBI GenBank Nucleotide #	NM_000527.4
UniProt Accession #	P01130; D3ZAR1; P01130 LDLR_HUMAN; Q8NBP7 PCSK9_HUMAN
Molecular Weight	95,376 Da
NCBI Official Full Name	low-density lipoprotein receptor isoform 1
NCBI Official Synonym Full Names	low density lipoprotein receptor
NCBI Official Symbol	LDLR
NCBI Official Synonym Symbols	FH; FHC; LDLCQ2
NCBI Protein Information	low-density lipoprotein receptor; LDL receptor; low-density lipoprotein receptor class A domain-containing protein 3
UniProt Protein Name	Low-density lipoprotein receptor
UniProt Gene Name	LDLR
UniProt Synonym Gene Names	LDL receptor
UniProt Entry Name	LDLR_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://www.aaabiotech.com/ldlr-recombinant-protein-hek293/76300>