

## LSR Protein, Human, Recombinant (His)

## General Information

Synonyms: LISCH;Lipolysis-stimulated lipoprotein receptor;Angulin-1;ILDR3;LSR

Protein Construction: 1-259 aa

Species: Human

Expression Host: E. coli

Accession: Q86X29

Molecular Weight: 31.9 kDa (predicted)

AA Sequence: MQQDGLGVGTRNGSGKGRSVHPSWPWCAPRPLRYFGRDARARRAQTAA MALLAGGLSRGLGSHPAAGR  
DAVVFVWLLLSTWCTAPARAIQVTVSNPYHVILFQPVTL PCTYQMTSTPTQPIVIWKYKSFCDRIADAFSPA  
SVDNQLNAQLAAGNPGYNPYVECDQSVRTVRV VATKQGNVTLGDYYQRRITITGNADLTFDQTAWGDS  
GVYYCSVVSAQDLQGNNEAYAELIVLGR TSGVAELLPGFQAGPIED

## QC Testing

Biological Activity: Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.

Purity: > 90% as determined by SDS-PAGE.

Endotoxin: < 1.0 EU/μg of the protein as determined by the LAL method.

Formulation: Tris-based buffer, 50% glycerol

## Preparation and Storage

## Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

## Stability &amp; Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

*Actual storage temperature shall be subject to the COA.*

## Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

## Protein Background

Probable role in the clearance of triglyceride-rich lipoprotein from blood. Binds chylomicrons, LDL and VLDL in presence of free fatty acids and allows their subsequent uptake in the cells.

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