

Recombinant Mouse Low-density lipoprotein receptor/LDLR Protein

RPCB1249



Product Information

Product SKU: RPCB1249 **Gene ID:** 16835 **Size:** 10µg
Tag: C-His **Reactivity:** Mouse

Additional Information

Expression Host: HEK293 cells **Swissprot:** P35951
Purity: > 95% by SDS-PAGE.

Protein Information

Background: The low density lipoprotein receptor (LDLR) family consists of cell surface proteins involved in receptor-mediated endocytosis of specific ligands. Low density lipoprotein (LDL) is normally bound at the cell membrane and taken into the cell ending up in lysosomes where the protein is degraded and the cholesterol is made available for repression of microsomal enzyme 3-hydroxy-3-methylglutaryl coenzyme A (HMG CoA) reductase, the rate-limiting step in cholesterol synthesis. At the same time, a reciprocal stimulation of cholesterol ester synthesis takes place. Mutations in LDLR gene lead to the autosomal dominant disorder, familial hypercholesterolemia.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Mouse Low-density lipoprotein receptor/LDLR Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: <1EU/µg

Formulation: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Storage: Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Contact Details | Dublin, Ireland

Email: techsupport@assaygenie.com | Web: www.assaygenie.com

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