

Recombinant Human Low-density lipoprotein receptor/LDLR Protein

RPCB0374

Product Information

Product SKU:	RPCB0374	Gene ID:	3949	Size:	10µg
Tag:	C-His	Reactivity:	Human		

Additional Information

Expression Host:	-	Swissprot:	P01130
Purity:	> 90% 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 Human Low-density lipoprotein receptor/LDLR Protein , tested reactivity in HEK293 cells and has been validated in SDS-PAGE.100% guaranteed.
Endotoxin:	< 0.1 EU/µg of the protein by LAL method.
Formulation:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.
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.