

Recombinant Human LRP5 Protein, MYC/DDK-tagged

Cat. No. LRP5-849H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant human LRP5 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.

Species Human

Source HEK293

Description This gene encodes a transmembrane low-density lipoprotein receptor that binds and internalizes ligands in the process of receptor-mediated endocytosis. This protein also acts as a co-receptor with Frizzled protein family members for transducing signals by Wnt proteins and was originally cloned on the basis of its association with type 1 diabetes mellitus in humans. This protein plays a key role in skeletal homeostasis and many bone density related diseases are caused by mutations in this gene. Mutations in this gene also cause familial exudative vitreoretinopathy. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2014]

Form 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

Molecular Mass 179 kDa

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	LDL receptor related protein 5[Homo sapiens]
Official Symbol	LRP5
Synonyms	BMND1; EVR1; EVR4; HBM; LR3; LRP-5; LRP7; OPPG; OPS; OPTA1; VBCH2
Gene ID	4041
mRNA Refseq	NM_002335.2
Protein Refseq	NP_002326
MIM	603506
UniProt ID	O75197

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