

Active Recombinant Human LRP4

Cat. No. LRP4-360H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human LRP4 (Accession # AAI36669) was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
Predicted N Terminal	Ser21 & Gly212
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. When Recombinant Human USAG1 is coated at 2 µg/mL, Recombinant Human LRP-4 binds with an apparent KD <1 nM.
Molecular Mass	Recombinant Human LRP4 has a calculated MW of 191 kDa. In SDS-PAGE migrates as 180-225 kDa, reducing conditions.
Purity	>80%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

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Gene Name	LRP4 low density lipoprotein receptor-related protein 4 [Homo sapiens (human)]
Official Symbol	LRP4
Synonyms	LRP4; low density lipoprotein receptor-related protein 4; CLSS; LRP-4; LRP10; MEGF7; SOST2; low-density lipoprotein receptor-related protein 4; multiple epidermal growth factor-like domains 7
Gene ID	4038
mRNA Refseq	NM_002334
Protein Refseq	NP_002325
MIM	604270
UniProt ID	O75096
Chromosome Location	11p11.2

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