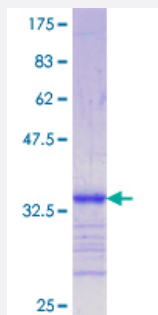


LRP5 (Human) Recombinant Protein (Q01)

Catalog # H00004041-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human LRP5 partial ORF (NP_002326.1, 41 a.a. - 130 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	RDVRLVDAGGVKLESTIVSGLEDAAAVDFQFSKGAVYWTDVSEEAIKQTYLNQTGAAVQNVVIS GLVSPDGLACDWVGKKLYWTDSETN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.64
Interspecies Antigen Sequence	Mouse (97); Rat (97)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — LRP5

Entrez GeneID	4041
GeneBank Accession#	NM_002335
Protein Accession#	NP_002326.1
Gene Name	LRP5
Gene Alias	BMND1, EVR1, EVR4, HBM, LR3, LRP7, OPPG, OPS, OPTA1, VBCH2
Gene Description	low density lipoprotein receptor-related protein 5
Omim ID	144750 166710 259770 601813 601884 603506 607634 607636
Gene Ontology	Hyperlink
Other Designations	exudative vitreoretinopathy 1 low density lipoprotein receptor-related protein 7 osteoporosis pseu doglioma syndrome

Pathway

- [Wnt signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Arthritis](#)
- [Atherosclerosis](#)

- [Body Weight](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Cerebral Hemorrhage](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Femoral Neck Fractures](#)
- [Fractures](#)
- [Genetic Predisposition to Disease](#)
- [Glioma](#)
- [Glucose Intolerance](#)
- [Hip Fractures](#)
- [Hypercholesterolemia](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoarthritis](#)
- [Osteonecrosis](#)

- [Osteoporosis](#)
- [Polycystic Ovary Syndrome](#)
- [Pulmonary Disease](#)
- [Spinal Fractures](#)
- [Spondylarthritis](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Syndrome](#)
- [Urinary Bladder Neoplasms](#)
- [Vitreoretinopathy](#)
- [Werner syndrome](#)