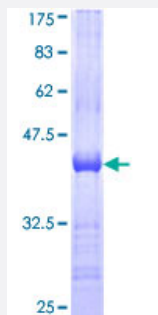


CDH11 (Human) Recombinant Protein (Q01)

Catalog # H00001009-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CDH11 partial ORF (NP_001788, 509 a.a. - 617 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	PIVTISADDKDDTANGPRFIFSLPPEIIHNPNTVRDNRDNTAGVYARRGGFSRQKQDLYLLPMVSD GGIPPMSSSTNTLTIKVCGCDVNGALLSCNAEAYILNAGLST
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.73
Interspecies Antigen Sequence	Mouse (96); Rat (98)
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 — CDH11

Entrez GeneID [1009](#)

GeneBank Accession# [NM_001797](#)

Protein Accession# [NP_001788](#)

Gene Name CDH11

Gene Alias CAD11, CDHOB, OB, OSF-4

Gene Description cadherin 11, type 2, OB-cadherin (osteoblast)

Omim ID [600023](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a type II classical cadherin from the cadherin superfamily, integral membrane proteins that mediate calcium-dependent cell-cell adhesion. Mature cadherin proteins are composed of a large N-terminal extracellular domain, a single membrane-spanning domain, and a small, highly conserved C-terminal cytoplasmic domain. Type II (atypical) cadherins are defined based on their lack of a HAV cell adhesion recognition sequence specific to type I cadherins. Expression of this particular cadherin in osteoblastic cell lines, and its upregulation during differentiation, suggests a specific function in bone development and maintenance. [provided by RefSeq]

Other Designations OB-cadherin|cadherin 11, type 2|cadherin-11|osteoblast cadherin

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)

- [Diabetes Complications](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Laryngeal Neoplasms](#)
- [Metabolic Syndrome X](#)
- [Mouth Neoplasms](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Pharyngeal Neoplasms](#)
- [Tobacco Use Disorder](#)