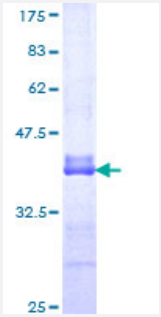
CDH8 (Human) Recombinant Protein (Q01)

Catalog # H00001006-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CDH8 partial ORF (NP_001787, 522 a.a. - 621 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	KDDPKNGHYFLYSLLPEMVNNPNFTIKKNEDNSLSILAKHNGFNRQKQEVYLLPIISDSGNPPLSSTSTLTIRVCGCSNDGVVQSCNVEAYVLPIGLSM
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (98); 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 — CDH8

Entrez GeneID	1006
GeneBank Accession#	NM_001796
Protein Accession#	NP_001787
Gene Name	CDH8
Gene Alias	Nbla04261
Gene Description	cadherin 8, type 2
Omim ID	603008
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. The extracellular domain consists of 5 subdomains, each containing a cadherin motif, and appears to determine the specificity of the protein's homophilic cell adhesion activity. Type II (atypical) cadherins are defined based on their lack of a HAV cell adhesion recognition sequence specific to type I cadherins. This particular cadherin is expressed in brain and is putatively involved in synaptic adhesion, axon outgrowth and guidance. [provided by RefSeq
Other Designations	cadherin-8|putative protein product of Nbla04261

Disease

- Tobacco Use Disorder