

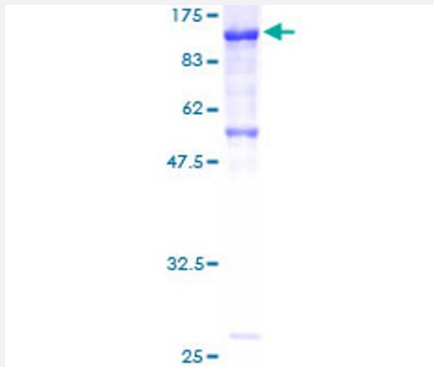
Full-Length

CDH7 (Human) Recombinant Protein (P01)

Catalog # H00001005-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CDH7 full-length ORF (AAH36786, 1 a.a. - 630 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MKLGKVEFCHFLQLIALFLCFSGMSQAELSRSRSPYFQSGRSRTKRSWVWNQFFVLEEYMGSDPLYVGKLHSDVDKGDGSIKYLSGEGASSIFIIDENTGDIHATKRLDREEQAYYTLRAQALDRLTNEPVEPESEFVIKIQDINDNEPKFLDGPYTAGVPEMSPVGTSVVQVTATDADDPTYGNSARVVYSILQGQPYFSVEPKTGVIKTALPNMDREAKDQYLLVIQAKDMVGQNGGLSGTTSVTVTLTVDNDNPPRFPRRSYQYNVPESLPVASVVARIKAADADIGANAEMEYKIVDGDGLGIFKISVDKETQEGIITQKELDFEAKTSYTLRIEAANKDADPRFLSLGPFSDTTTVKIMEDVDEPPVFSSPLYPMEVSEATQVGNIIGTVAAHDPDSSNSPVRYSIDRNTDLERYFNIDANSGVITAKSLDRETNAIHNITVLAMESQNPSQVGRGYVAITILDINDNAPEFAMDYETTVCENAPGQVIQKISAVDKDEPSNGHQFYFSLTTDATNNHNFS LKDNKDN TASILTRRNGFRRQE QSVYYLP IFMVD SGSPSL SSTS TL TIRVCD CDADGVAQTCNAEAYVLPAGLSTGALAILACVLTLLGRYCFQGLL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

95.04

Interspecies Antigen Sequence

Mouse (98); Rat (96)

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 — CDH7

Entrez GeneID	1005
GeneBank Accession#	BC036786
Protein Accession#	AAH36786
Gene Name	CDH7
Gene Alias	CDH7L1
Gene Description	cadherin 7, type 2
Omim ID	605806
Gene Ontology	Hyperlink

Gene Summary	This gene is a type II classical cadherin from the cadherin superfamily. The encoded membrane protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Type II (atypical) cadherins are defined based on their lack of a HAV cell adhesion recognition sequence specific to type I cadherins. Cadherins mediate cell-cell binding in a homophilic manner, contributing to the sorting of heterogeneous cell types and the maintenance of orderly structures. Alternative splicing in the 5' UTR of this gene yields variant transcripts encoding the same protein. [provided by RefSeq]
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Other Designations

OTTHUMP00000163685|cadherin-7

Disease

- [Tobacco Use Disorder](#)