

Cadherin, Placental (CDHP) Recombinant Protein | CDHP recombinant protein

Recombinant Cadherin, Placental (CDHP)

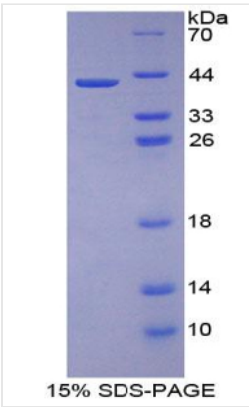
CATALOG # AAA134283	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Cadherin; Placental (CDHP); Recombinant Cadherin; CDHP recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in 20mM Tris, 500mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHSSEF-GD DGDHFTITTH PESNQGITTT RKGLDFEAKN QHTLYVEVTN EAPFVLKLPT STATIVVHVE DVNEAPVFVP PSKVVEVQEG IPTGEPVCVY TAEDPDKENQ KISYRILRDP AGWLAMDPDS GQVTAVGTLD REDEQFVRNN IYEVMLAMD NGSPPTTGTG TLLLTLIDVN DHGPVPEPRQ ITICNQSPVR QVLNITDKDL SPHTSPFQAQ LTDDSDIYWT AEVNEEGDTV VLSLKKFLKQ DTYDVHLSLS DHGNKEQLTV IRATVCDCHG HVETCPGPWK GGFILPVL
Sequence Length	829
Applicable Applications for CDHP recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Gly371~Leu660 (Accession # P22223) with N-terminal His-Tag
Subcellular Location	Cell membrane; Single-pass type I membrane protein
Accurate Molecular Mass	42kDa as determined by SDS-PAGE reducing conditions.
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	4.8
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	14589891
NCBI GeneID	1001
NCBI Accession #	NP_001784.2
NCBI GenBank Nucleotide #	NM_001793.4
UniProt Accession #	P22223; Q05DI6; B2R6F4
Molecular Weight	33.4kDa
NCBI Official Full Name	cadherin-3 preproprotein
NCBI Official Synonym Full Names	cadherin 3, type 1, P-cadherin (placental)
NCBI Official Symbol	CDH3
NCBI Official Synonym Symbols	CDHP; HJMD; PCAD
NCBI Protein Information	cadherin-3; calcium-dependent adhesion protein, placental
UniProt Protein Name	Cadherin-3
UniProt Gene Name	CDH3
UniProt Synonym Gene Names	CDHP; P-cadherin
UniProt Entry Name	CADH3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.