

Recombinant Human CDH2 Protein, His tagged

Cat. No. CDH2-3153H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CDH2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Human
Source	Insect Cells
ProteinLength	160-724 aa
Description	This gene encodes a classical cadherin and member of the cadherin superfamily. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein is proteolytically processed to generate a calcium-dependent cell adhesion molecule and glycoprotein. This protein plays a role in the establishment of left-right asymmetry, development of the nervous system and the formation of cartilage and bone.
Form	Liquid
AASequence	ADPDWVIPPINLPENSRGPFQELVRIRSDRDKNLSLRYSVTGPGADQPPTGIFIINPI SGQLSVTKPLDREQIARFHLRAHAVDINGNQVENPIDIVINVIDMNDNRPEFLHQVWN GTVPEGSKPGTYVMTVTAIDADDPNALNGMLRYRIVSQAPSTPSPNMFTINNETGDII TVAAGLDREKVQQYTLIIQATDMEGNPTYGLSNTATAVITVTDVNDNPPEFTAMTFY GEVPENRVDIIVANLTVTDKQDQHTPAWNAVYRISGGDPTGRFAIQTDPNNSNDGLVT VVKPIDFETNRMFVLTVAAENQVPLAKGIQHPPQSTATVSVTVIDVNENPYFAPNPKII RQEGLHAGTMLTTFTAQDPDRYMQQNIRYTKLSDPANWLKIDPVNGQITTIIVLDR

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

ESPNVKNNIYNATFLASDNGIPPMSTGTLQIYLLDINDNAPQVLPQEAETCETPDPN
SINITALDYDIDPNAGPFAFDLPLSPVTIKRNWTITRLNGDFAQLNLKIKFLEAGIYEVPII
ITDSGNPPKSNISILRVKVCQCDSNGDCTDVDRIVGAGLGTGAHHHHHH

Molecular Mass	62.9 kDa
Endotoxin	< 1 EU/μg of protein (determined by LAL method)
Purity	> 90% by SDS-PAGE
Application	SDS-PAGE
Note	For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.
Storage Buffer	Phosphate-Buffered Saline (pH 7.4) containing 20% glycerol
Concentration	0.5 mg/mL (determined by absorbance at 280nm)

GENE INFORMATION

Gene ID	1000
Gene Name	CDH2 cadherin 2 [Homo sapiens (human)]
Official Symbol	1000
Synonyms	CDH2; cadherin 2, type 1, N-cadherin (neuronal); NCAD; cadherin-2; CD325; CDHN;

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N cadherin; N-cadherin 1; neural cadherin; neural-cadherin; cadherin 2, N-cadherin (neuronal); calcium-dependent adhesion protein, neuronal; CDw325;

mRNA Refseq [NM_001792](#)

Official Symbol 2 [CDH2](#)

Gene ID 2 [1000](#)

Gene Name 2 [CDH2 cadherin 2 \[Homo sapiens \(human\) \]](#)

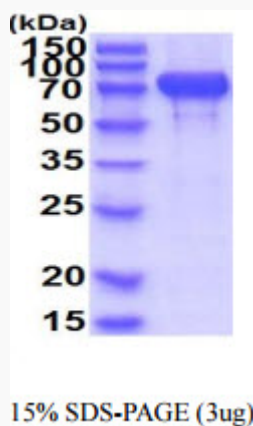
mRNA Refseq 2 [NM_001792](#)

Protein Refseq 2 [NP_001783](#)

MIM 2 [114020](#)

UniProt ID 2 [P19022](#)

SDS-PAGE



3 µg by SDS-PAGE under reducing condition and visualized by coomassie blue

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