

Product datasheet

Recombinant Human N Cadherin protein (His tag) ab223009

1 Image

Description

Product name Recombinant Human N Cadherin protein (His tag)

Purity > 90 % SDS-PAGE.
Affinity purified

Endotoxin level < 1.000 Eu/μg

Expression system Baculovirus infected insect cells

Accession **P19022**

Protein length Protein fragment

Animal free No

Nature Recombinant

Species Human

Sequence

```
ADPDWVIPPINLPENSRGPFQELVRIRSDRDKNLSLRYS
VTGPGADQPP
TGIFIINPISGQLSVTKPLDREQIARFHLRAHAVDINGNQVEN
PIDIVIN
VIDMNDNRPEFLHQVWNGTVPEGSKPGTYVMTVTAIDAD
DPNALNGMLRY
RVSQAPSTSPNMFTINNETGDIITVAAGLDREKVQQYTLII
QATDMEG
NPTYGLSNTATAVITVTDVNDNPPEFTAMTFYGEVPENRV
DIVANLTVT
DKDQPHTPAWNAVYRISGGDPTGRFAIQDPNSNDGLVT
VVKPIDFETNR
MFVLTVA AENQVPLAKGIQHPPQSTATVSVTVIDVNENPY
FAPNPKIIRQ
EEGLHAGTMLTFFTAQDPDRYMQQNIRYTKLSDPANWLKI
DPVNGQITTI
AVLDRESPNVKNNIYNATFLASDNGIPPMSGTGTLQMLLDI
NDNAPQVL
PQEAETCETDPNSINITALDYDIDPNAGPFAFDLPLSPVTI
KRNWTITR
LNGDFAQLNLKIKFLEAGIYEVPIITDSGNPPKSNISILRVKV
CQCDSN GDCTDVDRMGAGLGTGAHHHHHH
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Predicted molecular weight	63 kDa including tags
Amino acids	160 to 724
Tags	His tag C-Terminus
Additional sequence information	Extracellular domain (NP_001783).

Specifications

Our **Abpromise guarantee** covers the use of **ab223009** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Liquid

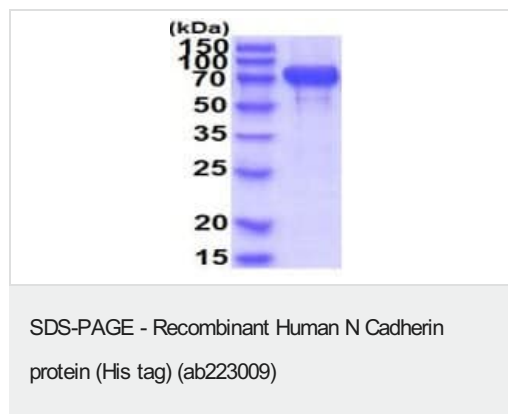
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 7.40 Constituents: PBS, 20% Glycerol (glycerin, glycerine)
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General Info

Function	Cadherins are calcium dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. CDH2 may be involved in neuronal recognition mechanism. In hippocampal neurons, may regulate dendritic spine density.
Sequence similarities	Contains 5 cadherin domains.
Cellular localization	Cell membrane.

Images



15% SDS-PAGE analysis of 3 µg ab223009.

MWt 70-100 kDa (SDS-PAGE under reducing conditions).

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