

Datasheet for ABIN5854951

N-Cadherin Protein (AA 160-724) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	N-Cadherin (CDH2)
Protein Characteristics:	AA 160-724
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This N-Cadherin protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPDWVIPPI NLPENSRGPF PQELVRIRSD RDKNLSLRYS VTGPGADQPP TGIFIINPIS GQLSVTKPLD REQIARFHLR AHAVDINGNQ VENPIDIVIN VIDMNDNRPE FLHQVWNGTV PEGSKPGTYV MTVTAIDADD PNALNGMLRY RIVSQAPSTP SPNMFTINNE TGDII TVAAG LDREKVQQYT LIIQATDMEG NPTYGLSNTA TAVITVTDVN DNPPEFTAMT FYGEVPENRV DIIVANLTVT DKDQPHTPAW NAVYRISGGD PTGRFAIQTD PNSNDGLVTV VKPIDFETNR MFVLTVAAEN QVPLAKGIQH PPQSTATVSV TVIDVNENPY FAPNPKIIRQ EEGLHAGTML TTFTAQDPDR YMQQNIRYTK LSDPANWLKI DPVNGQITTI AVLDRESPNV KNNIYNATFL ASDNGIPPMS GTGTLQIYLL DINDNAPQVL PQEAETCETP DPNSINITAL DYDIDPNAGP FAFDLPLSPV TIKRNWTITR LNGDFAQLNL KIKFLEAGIY EVPIIITDSG NPPKSNISIL RVKVCQCDN GDCTDVDRIV GAGLGTGAHH HHHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1µg of protein (determined by LAL method)

Target Details

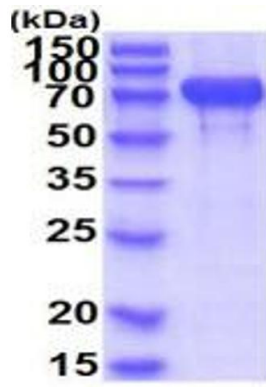
Target:	N-Cadherin (CDH2)
Alternative Name:	CDH2 (CDH2 Products)
Background:	CDH2, also known as cadherin-2 isoform 1, is a transmembrane, homophilic glycoprotein belonging to the calcium-dependent cell adhesion molecule family. It plays a role in neurons and later was found to also play a role in cardiac muscle and in cancer metastasis. Its loss promotes tumorigenesis by releasing membrane-bound B-catenin, hence stimulating Wnt signaling. It seems to be involved in tumor development, but this finding is limited in adrenocortical tumors (ACTs). Recombinant human CDH2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	62.9kDa (574aa) 70-100kDa (SDS-PAGE under reducing conditions)
NCBI Accession:	NP_001783
UniProt:	P19022
Pathways:	Regulation of Muscle Cell Differentiation , Cell-Cell Junction Organization , Synaptic Membrane

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 20 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.