

Product datasheet for TP317249M

Cadherin 8 (CDH8) (NM_001796) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human cadherin 8, type 2 (CDH8), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217249 representing NM_001796 Red=Cloning site Green=Tags(s)

MPERLAEMLLDLWTPLIILWITLPPCIYMAPMNQSQVLMMSGSPLELNSLGEEQRILNRSKRGWVWNQMFV
LEEFGPEPILVGRLLHTDLDPGSKKIKYILSGDGAGTIFQINDVTGDIHAIKRLDREEKAEYTLTAQAVD
WETSKLEPPSEFIIKVQDINDNAPEFLNGPYHATVPEMSILGTSVTNVTATDADDPVYGNSAKLVYSIL
EGQPYFSIEPETAIKTALPNMDREAKEEYLVIQAKDMGGHSGGLSGTTTLTVTLTDVNDNPPKFAQSL
YHFSVPEDVWLGTAGRKANDQDIGENAQSSYDIIDGDGTALFEITSDAQAQDGIIRLRKPLDFETKKS
YTLKVEAANVHIDPRFSGRGPFKDTATVKIIVEDAEPVFSPTYLLEVHENAALNSVIGQVTARDPDI
TSSPIRFSIDRHTDLERQFNINADDGKITLATPLDRELSVWHNITIIATEIRNHSQISRVPVAIKVLDVN
DNAPEFASEYEAFLENGKPGQVIQTVSAMDKDDPKNGHYFLYSLLPEMVNPNFTIKKNEDNSLSILAK
HNGFNRQKQEVYLLPIIISDSGNPPLSSTSTLTIRVCGCSNDGVVQSCNVEAYVLPIGLSMGALIAILAC
IILLVIVLWVTLRRHKNEPLIKDDEDVRENIIRYDDEGGGEEDTEAFDIATLQNPDGINGFLPRKDI
KPDQLQFMPRQGLAPVPNGVDVDEFINVRLHEADNDPTAPPYDSIQIYGYEGRGVSAGSLSSLESTSDSD
QNFYLSDWGPRFKRLGELYSVGESDKET

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	84.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



[View online »](#)

Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001787
Locus ID:	1006
UniProt ID:	P55286
RefSeq Size:	2929
Cytogenetics:	16q21
RefSeq ORF:	2397
Synonyms:	Nbla04261
Summary:	This gene encodes a type II classical cadherin from the cadherin superfamily, integral membrane proteins that mediate calcium-dependent cell-cell adhesion. Mature cadherin proteins are composed of a large N-terminal extracellular domain, a single membrane-spanning domain, and a small, highly conserved C-terminal cytoplasmic domain. The extracellular domain consists of 5 subdomains, each containing a cadherin motif, and appears to determine the specificity of the protein's homophilic cell adhesion activity. Type II (atypical) cadherins are defined based on their lack of a HAV cell adhesion recognition sequence specific to type I cadherins. This particular cadherin is expressed in brain and is putatively involved in synaptic adhesion, axon outgrowth and guidance. [provided by RefSeq, Jul 2008]
Protein Families:	Transmembrane

Product images:



Coomassie blue staining of purified CDH8 protein (Cat# [TP317249]). The protein was produced from HEK293T cells transfected with CDH8 cDNA clone (Cat# [RC217249]) using MegaTran 2.0 (Cat# [TT210002]).