

Product datasheet for TP527372

Cdh1 (NM_009864) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cadherin 1 (Cdh1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR227372 representing NM_009864 Red=Cloning site Green=Tags(s)

MGARCRSFSALLLLLQVSSWLCQELEPESCSPGFSSEVYTFVPERHLERGHVLRVRFEGCTGRPRTAF
FSEDSRFKVATDGTITVKRHLKLHKLETSFLVRARDSSHRELSTKVTLKSMGHHHRHHHRDPASESNPE
LLMFPSVYPGLRRQKRDWVIPPISCPENEKGEFPKNLVQIKSNRDKETKVFYSITGQGADKPPVGVFIE
RETGWLVKTQPLDREIAKYILYSHAVSSNGEAVEDPMEIVITVTDQNDNRPEFTQPVFEGFVAEGAVPG
TSVMKVSATDADDVNTYNAAIAYTIVSQDPELPHKNMFTVNRDTGVISVLTSGLDRESYPTYTLVQAA
DLQGEGLSTTAKAVITVKDINDNAPVFNSTYQGGVPEVFNARIATLKVTDADDAPNTPAWKAVYTVND
PDQQFVVVTDPTTNDGILKTAKGLDFAKQYILHVRVENEPEFESLVPSTATVTVDVVDVNEAPIFMP
AERRVEVPEDFGVGQEITSYTAREPDTFMDQKITYRIWRDTANWLEINPETGAIFTRAEMDREDAEHVKN
STYVALIATDDGSPATGTGTLVLLVDNDNAPIPEPRNMQFCQRNPQHIIITLDPDLPPNTSPFTA
ELTHGASVNWTEYNDAAQESLILQPRKDLEIGEYKIHLKLDNQNKDQVTTLDVHVCDCEGTVNNCMKA
GIVAAGLQVPAILGILGGILALLLILLLLLFLRRRTVVKEPLPPDDDTRDNVYYYDEEGGGEEDQDFD
LSQLHRGLDARPEVTRNDVAPTLMSVPQYRPRPANPDEIGNFIDENLKAADSPTAPPYDSSLVFDYEGS
GSEAASSLNSESQDQDYDYLNEWGNRFKLLADMYGGGEDD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	98.7 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
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C after receiving vials.
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_033994
Locus ID:	12550
UniProt ID:	P09803 , A0A0R4IZW5
RefSeq Size:	4413
Cytogenetics:	8 53.18 cM
RefSeq ORF:	2652
Synonyms:	AA960649; ARC-1; E-ca; E-cad; E-cadh; Eca; Ecad; L-C; L-CAM; Um; UVO
Summary:	This gene encodes E-cadherin, a calcium-dependent cell adhesion molecule that functions in the establishment and maintenance of epithelial cell morphology during embryogenesis and adulthood. The encoded preproprotein undergoes proteolytic processing to generate a mature protein. Targeted mutations disrupting binding of calcium to the encoded protein in mice cause death in utero due to failed blastocyst and trophectoderm formation. This gene is located adjacent to a related cadherin gene on chromosome 8. [provided by RefSeq, Oct 2015]