

Product datasheet for TP525628

Cdh11 (NM_009866) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cadherin 11 (Cdh11), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR225628 representing NM_009866 Red=Cloning site Green=Tags(s)

MKENYCLQAALVCLSMYHSQAFALERRSHLHPSFHGHHEKGGKQVLQRSKRGWVWNQFFVIEEYTGPD
PVLVGRHLSDIDSGDGNIKYILSGEGAGTIFVIDDKSGNIHATKTLDRREERAQYTLMAQAVDRDTNRPLE
PPSEFIVKVDINDNPPEFLHEIYHANVPERSNVGTSVIQVTASDADDDPTYGNSAKLVYSILEGQPYFSV
EAQTGIIRTALPNMDREAKEEYHVVIQAKDMGGHMGGLSGTTKVTITLTDVNDNPPKFPQSVYQMSVSEA
AVPGEEVGRVKAKDPDIGENGLVTYNIVDGDGIELFEITTDYETQDGVWKLKPPVDFETKRAYSLKIEAA
NVHIDPKFISNGPFKDTVTVKISVEDADEPPMFLAPSYIHEVQENAAAGTVVGRVHAKDPDAANSPIRYS
IDRHTDLDRFFTINPEDGFIKTKPLDREETAWLNISVFAAEIHNHRHQUETKVPVAIRVLDVNDNAPKFAA
PYEGFICESDHPKALSQPIVTVSADDQDDTANGPRFISLPPPEIMHNPNTVRDNRDNTAGVYARRGGF
SRQKQDFYLLPIVISDGGIPPMSSNTLTIKVCGCDVNGALLSCNAEAYILNAGLSTGALIAILACIVIL
LVIVLFLVTLRRQKKEPLIVFEEEDVRENIITYDDEGGGEEDTEAFDIATLQNPDGINGFIPRKDIKPEY
QYMPRPGLRPAPNSVDVDDFINTRIQEADNDPTAPPYDSIQIYGYEGRGVSAGSLSSLESATDSDLDYD
YLQNWGPRFKKLADLYGSKDTFDDDS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	88.6 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.
Storage:	Store at -80°C after receiving vials.



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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:	<u>NP_033996</u>
Locus ID:	12552
UniProt ID:	<u>P55288</u> , <u>Q8C7Q6</u>
RefSeq Size:	4216
Cytogenetics:	8 50.44 cM
RefSeq ORF:	2388
Synonyms:	Cad1; Cad11; OB-cad; OSF-4
Summary:	This gene encodes a type II classical cadherin and preproprotein that is proteolytically processed to generate a mature protein product. This protein product is an integral membrane protein that mediates calcium-dependent cell-cell adhesion, specifically in the context of bone development. Homozygous knockout mice for this gene exhibit impaired synovium development and reduced bone density. Multiple pseudogenes of this gene have been identified in the genome. [provided by RefSeq, Aug 2015]