

Product datasheet for TP520676

Cdhr5 (NM_001114322) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cadherin-related family member 5 (Cdhr5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR220676 protein sequence Red=Cloning site Green=Tags(s)

MGAPALLWPSLLLPWLTVLFQPPGTLAQTQVCSVNQTIFRVEENTTVSEPLVNIFVPDGLHVTGLGPLST
PYAFRIEGKDLFLNVTDPYEENSLLQADVECKRGDAVVRLEVFVAVLDINDNAPKFSFEIKTFNVSEDT
KVNTTVPETQLKATDADINDILVYTLQEVTPNASKFFSLEGVNYPALKLDQTLDYFKNQNMFMMLLARD
TWEENVEPSHTATATLVNLTPADLRTPWFLPCSFTDGYVCIHAQYSAVVPTGHKLPSPMLMSPGPIYAV
DGDQAINQSIYSIIAGNTDGTFIINAHDGNTMTKSIPSPMKFTLLIRADQEDMAQYSVTQAIVEARSV
TGNPLQFSQSLYYGTWVLGSEAGTAVKDKTFPSEILRIQAQYPGFDPNSAVTYRVNNSSEFMMNKDIML
TAVPMEEARTIRVEEASNTVTKDTATAVVEIQVSERELPSTEFPTPEAGGTTGSSNTTMEAPLTSGT
SQRPATTSSGGSVGFPPGGTTLRPPTPASSIPGGSPTLGTSTSPQTTTPGGDSAQTPKPGTSHPTAPTS
RTSTSLMTTSSRSSTQTPKPGTSQPMVPIPGASTSSQPATPSGSSPQTPKPGTSQSTATGPISGAGEQG
DGQRFSTVDMAVLGGVLGALLLLALICLVILVHKHYRHLACCSGKASEPQPSGYDNLTFPLDHHKAKWSP
TPNRKPEPSPKLAQPPLRPPSPMSSSPTPPSPQPKASGSPKTVQAGDSPSAVRSILTERRPEGE
GGYKAVWFGKDIGAEADVWLNEPTADVDSASASGSEGSDDDDPDQKKTFRFGVDADNTYI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	88.2 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:	NP_001107794
Locus ID:	72040
UniProt ID:	Q8VHF2 , A0PJK7
RefSeq Size:	2629
Cytogenetics:	7 F5
RefSeq ORF:	2496
Synonyms:	1810074H01Rik; AI481143; Mucdhl; Mupcdh
Summary:	Intermicrovillar adhesion molecule that forms, via its extracellular domain, calcium-dependent heterophilic complexes with CDHR2 on adjacent microvilli. Thereby, controls the packing of microvilli at the apical membrane of epithelial cells. Through its cytoplasmic domain, interacts with microvillus cytoplasmic proteins to form the intermicrovillar adhesion complex/IMAC. This complex plays a central role in microvilli and epithelial brush border differentiation. [UniProtKB/Swiss-Prot Function]