

Product datasheet for TP515330

Cdhr2 (NM_001033364) Mouse Recombinant Protein

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse cadherin-related family member 2 (Cdhr2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species: | Mouse |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >MR215330 representing NM_001033364 Red=Cloning site Green=Tags(s) |

MAWLWLLCALLPAFMVSVTANSPPSFGVNMTLVLPEDLPVGAVAFWLVAATSDNDHLYGISGPNASYF
SVNANTGEVKLASPLDFETVPPFFKITISTSDGLNIRTAEMQVIVEDRNDNIPVFLNTEFSTSINETLPVG
SVVFSVLAEDKDTGTAGLVQYFIEKVIPSTANSNNLFRILENGSIVLNDTLYNNKSAFYQLELKACDSG
GILDNPKTKQCSQPVFVSIVIDEPLDPRFIREFYSASVAEDATLGTSVLTVEAVSDSKGINDIVTYSV
SNSTRPGWFDIREDGVIFVNGSLDREQLLENEEVQIQVTATEKNLNIYGQEAKASMWVTIRVTDVNDHK
PEFYNCSLPGCSFSPQEAQVNFYGVDEHASARISIDGLTMVAYDPDQGDNGTFLLSLNGQDAEAFNVSP
ERAAGSVSVQVVRNSEMVDYKETVMVVEVATDSVSNYSVATVTIHLRNINDHRPVFSQSLYELTVP
EHCPTGYLVTDKIQTDLGDGDEWGPITYSLLPGNGADLFEVEPNNGNLTVKNGTLLDREKQAVVYTLQA
TDGGNQSTTTALEITLLDINDNPPVWRGYSYVNFVPEENGNVSVTIQAYDDDQPDNNSLLVFSLLPGPYS
SNFSLDPNTGLLRNLGPLDREIDPALEGRIVLTVIVADCGEPSLSTNVNVTITVEDINDNLPVFNQSYE
FSWVERVPGAWVGTVKAWDADQTAANNRISFSLSGTGANNFILQGNVLEQGWAEGLWLLPDVRLDYETQ
KFFHLTVSAENPGPQGLDSTANVTVMVMDVNDPEPTLDAASLQAISVTENGSEHGQVTRVIAQDQVDTAAL
LRIELVDVICTKAGVDVGSVCHGWFSVDGNGSVYINQSEADYEACHLVTLVVRAYDLNTDPGFDAYSSN
GSLINIKDKNAPYFLPNNQTFVIIPELVLPNQVAVSQARDESEDNGIIMFSILKAEFVRKDGTSN
PVQVFRITRSVEAGLFTGSIELVTNLDSTIQGTQVTVQAQDQPTLGALETQTTLNLFVTDQSYRVRQ
FSTSKEDVGANMEEIKEALIQATRTSVYVVTIQNIDSTARARASSYMDAYFVFSNGTALTTELNMIRK
DQDALRQLLQLGLVWSSQESQEPDQKLLTSVIIGLVSLVVLVILITALVCLRKSYPHRKLRAMKAGK
EARKTPIETTAPTAIPGTNMYNTDRANPVLDPKDLGLECHSSDLDYDSLNSLDENSVDLDMDSKEF
KRKDLPGDPPEPDPEPLTAVLSGRSAGASEQQKKNLSFTNPGLDTTDL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

| | |
|---------------|-----------|
| Tag: | C-MYC/DDK |
| Predicted MW: | 143.1 kDa |



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| | |
|-----------------------|---|
| 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. |
| 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_001028536 |
| Locus ID: | 268663 |
| UniProt ID: | E9Q7P9 |
| RefSeq Size: | 4131 |
| Cytogenetics: | 13 B1 |
| RefSeq ORF: | 3924 |
| Synonyms: | Gm624; PC-LKC; Pcdh24 |
| Summary: | Intermicrovillar adhesion molecule that forms, via its extracellular domain, calcium-dependent heterophilic complexes with CDHR5 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. May also play a role in cell-cell adhesion and contact inhibition in epithelial cells.[UniProtKB/Swiss-Prot Function] |