

Product datasheet for **TP509688**

Pcdha4 (BC060211) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse protocadherin alpha 4 (cDNA clone MGC:64735 IMAGE:6838078), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR209688 protein sequence
Red=Cloning site **Green**=Tags(s)

MEFSWGGSGQESQRLLLSFLLLAWEAGNSQIHYSIPEEAKHGTFVGRQAQDLGLELTELVPRLFRVASKD
RGDLLEVNLQNGILFVNSRIDREELCGRSAECSIHLEIVDRPLQVFHVEVEVRDINDNPPRFPTTQKNL
FIAESRPLDTWFPLEGASDADIGINAVLTYRLSPNDYFSLKPSNDERVKGLGLVLRKSLDREETPEIIL
VLTVDGGKPELTGSVQLLITVLDANDNAPVFDRLSYTVKLPENVPNGTLVWKNASDLDEGVNGDIMYS
FSTDISPNVKFKFHIDPVSGEIIVKGYIDFEECKSYEILIEGIDKQQLPLSGHCKVIVQVEDINDNVP
EFKLSLPIRENSPVGTVIALISVSDRDTGVNGQVTCSLTSHVPFKLVSTFKNYSLVLDSDALDRETTAD
YKVVVTARDGGSPSLWATASVSVEVADVNDNAPVFAQPEYTVFVKENPPGAHIFTVSAMDADAQENALV
SYSLVERRVGERLLSSYVSVHAESGKVFALQPLDHEELLELLRFQRPQPNPDWRYASLRAGMHSSVHLEE
AGILRAGPGGPDQQWPTVSSATPEPEAGEVSPVGGAGVNSNSWTFKYGPGNPKQSGPEPKKQTQVSFLPR
RKGEASQPRQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 70.4 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.
Locus ID:	12936
UniProt ID:	O88689
RefSeq Size:	4166
Cytogenetics:	18 B2- B3
RefSeq ORF:	1920
Synonyms:	Cnr1; Crnr1; R75250
Summary:	Calcium-dependent cell-adhesion protein involved in cells self-recognition and non-self discrimination (Probable). Thereby, it is involved in the establishment and maintenance of specific neuronal connections in the brain (PubMed:27161523).[UniProtKB/Swiss-Prot Function]