

Product datasheet for TP525617

Cadps2 (NM_153163) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse Ca ²⁺ -dependent activator protein for secretion 2 (Cadps2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR225617 representing NM_153163 Red =Cloning site Green =Tags(s)
	<p>MLDPSSEEEESDEGLEEEESREVLVAPGVSQRAPPAAREGRRDAPGRSGGGSGGGAARPVSPSPVLSEG RNEPELQLDEEQERRIRLQLYVVRVRCIAYPFNAKQPTDMARRQKLNKQQLQLLKERFQAFNLGETQIV ADEAFCAVRSYEVFLKSDRVARMVQSGGCSANDFREVFKNIEKRVRSLEIDGLSKETVLSWIAKY DAIYRGEEDLCKQPNRMTLSAVSELILSKEQLYEMFQQILGIKLEHQLLYNACQLDNADEQAAQIRREL DGRLQLAEKMAKERRFPRFISKEMESMYIEELRASVNLLMANLESPLVSKGGPEFKLQKLKRSQNSAFLD LGDENEIQLSKSDVLSFTLEIVIMEVQGLKSVAPNRIVYCTMEVEGGEKLTQDAEASRPQWGTQGDFN TTHPRPVVKVLFTESTGVLAEDEKELGRVVLYPTSNSKSAELHRMTVPKNSQSDSLKIKLAVRMDKPA HMKHSGYLYALGQKVVWRWKKRYFVLVQVSQYTFAMCSYREKKSEPELMQLEGYTVDYDTPHPGLQGGQ VFNNAVKEGDTVIFASDDEQDRILWVQAMYRATGQSYKVPVAVQSQKLNPKGGALHADAQLYADRFRQKHG MDEFISASPKLDHAFRLFRILQRQTLDRHLNDSYSLGWFSQVFLDEYCARYGVRGCHRHLCYLTEL MEHSENGAVIDPTLLHYSFAFCASHVHGPNRDPGIGTVSVEEKERFEEIKDRLSSLENQISHFRYCFPF RPEGALKATLSLLERVLMDIATPIPAEEVKVVRKCLEKAALINYTRLTEYAKIEGPAEKETETMNQAT PARKLEEVLHLAELCIEVLQQNEEHHAEGREAFWWPDLLAEHAKEFWALFTVDMDTALEAQPQDSWDSF PLFQLLNNFLRNDTLLCNGKFKHKLQEIFVPLVVRYVDLMESAIAQSIHRGFEQETWQPVKNIANSPLNV ALPKVPSLPLNLPQIPSFSTPPWMASLYESTNGSTTSEDLFWKLDALQMFVFDLHWPEQEFQFAHLEQRLK LMAASDMIEACVKRTRTAFELKLQKANKTTDLRIPASVCTMFNVLDVAKKQSTKLCALDGGQEQQYHISKID DLIDNTVKEIALLVSKFVSVLEGLSKLSRYDEGTFSSILSFTVKAQAAKYVDVVPKPGMDLADTYIMFV RQNQDILREKVNEMYIEKLFQWYSNSMKVICVWLADRLDLQLHIYQLKTLIKIVKKTYYRDFRLQGVLE GTLNSKTYDTLHRRLTVEEATASVSEGGGLQGITMKDSDEEEEG</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	148.6 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_694803
Locus ID:	320405
UniProt ID:	A4PI81 , A4PI80
RefSeq Size:	4969
Cytogenetics:	6 A3.1
RefSeq ORF:	3912
Synonyms:	A230044C21Rik; Caps-2; Caps2; Cpd2
Summary:	Calcium-binding protein involved in exocytosis of vesicles filled with neurotransmitters and neuropeptides. Probably acts upstream of fusion in the biogenesis or maintenance of mature secretory vesicles. Regulates neurotrophin release from granule cells leading to regulate cell differentiation and survival during cerebellar development. May specifically mediate the Ca(2+)-dependent exocytosis of large dense-core vesicles (DCVs) and other dense-core vesicles. [UniProtKB/Swiss-Prot Function]