

## Product datasheet for TP520807

### Dlgap4 (NM\_146128) Mouse Recombinant Protein

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Purified recombinant protein of Mouse DLG associated protein 4 (Dlgap4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species:                              | Mouse  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >MR220807 representing NM_146128<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)   |

MKGLGDSRPRHLSDSLDPPEPLFAGPDRNPYLLSPTFAFAREARFPGQNTLPDGLFPLNNQLPPPSST  
FPRIHYNHFVPEESPFPASHAQATKINRLPANLLDQFEKQLPIHRDGFSTLQFPRGEAKARGESPRIR  
HLVHSVQRLFFTKAPSMEGTAGKVGNGSKKGGLEDGKGRRAKSKERAKAGEPKRRSRNSISGWWSSDDN  
LDGEGGAFRSGPASGLMTLGRQQERTQPRYFMHAYNTISGHMLKTTKNTTTELTAPPPPPAPPATCPSLG  
VGTDTNYVKGWSWSTLTLSHAHEVCQKTSATLTKSLLKSKSCHQGLAYHYLQVPGGGGEWSTLLSPRDM  
DSTAEGPIPCRRMRSGSYIKAMGDEDSDES GGGSPKPSPKTAARRQSYLRATQQSLGEQSNPRRSLDRLD  
SVDMLLPSKCPSWEDDYNPISDSLNDSSCISQVFGQASLIPQLFGHDQVREADLSDQYEAACESACSEA  
ESTTAEALDLPLPSYFRSRSHSYLRAIQAGCSQEEDSVSLQSLSPPPSTGSLSNSRTPSSSCLVAYKKT  
PPVPPRRTTSKPFISVTVQSSTESAQDTYLDSDHKSEVTSQSGLSNSSDLSSTRPPSVTRGGITPGP  
EAPEPPPKHAALKSEQGLTSSESHSEAIKPKRLSSIGIQVDCIQPVPKEEPSATKFKQSIGIQVEDDWR  
SSAPSHSMSSRRDTSDDTQDANDSSCKSSERSLPDCTSHPNISIDAGPRQAPKIAQIKRNL SYGDNSDP  
ALEASSLPPDPWLETSSSSPAEPAQPGACRRDGYWFLKLLQAETERLEGWCCQMDKETKENNLSEEVLG  
KVL SAVGSAQLLMSQKFQQFRGLCEQNLNPDANPRPTAQDLAGFWDLLQLSIEDISMKFDELYHLKANSW  
QLVETPEKRKEEKPPPPVPPKPAKSKAAVSRDKASDAGDKQRQEARKRLAAKRAASVRQNSATESADS  
IEIYVPEAQTRL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

|                |   |
|----------------|---|
| Tag:           | C-MYC/DDK   |
| Predicted MW:  | 108 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        |



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|                      |   |
|----------------------|---|
| <b>Note:</b>         | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.  |
| <b>Storage:</b>      | Store at -80°C after receiving vials.   |
| <b>Stability:</b>    | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.   |
| <b>RefSeq:</b>       | <a href="#">NP_666240</a>   |
| <b>Locus ID:</b>     | 228836  |
| <b>UniProt ID:</b>   | <a href="#">B1AZP2</a>  |
| <b>RefSeq Size:</b>  | 4875  |
| <b>Cytogenetics:</b> | 2 H1  |
| <b>RefSeq ORF:</b>   | 2976  |
| <b>Synonyms:</b>     | AI225853; BC024558; DA; DAP-4; DAP4; S; SAPAP-4; Sapap4; WBP1; WBP16  |
| <b>Summary:</b>      | This gene encodes a membrane-associated guanylate kinase found at the postsynaptic density in neuronal cells. The encoded protein may play a role in synapse organization and neuronal signalling. Alternatively spliced transcript variants encoding multiple isoforms have been found for this gene. [provided by RefSeq, Mar 2013] |