

Product datasheet for TP525140

Prkg2 (NM_008926) Mouse Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse protein kinase, cGMP-dependent, type II (Prkg2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species: | Mouse |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >MR225140 protein sequence Red =Cloning site Green =Tags(s) |

MGNGSVKPKHAKHPDGHSGNLSNEALRSKVLLELERLRKDAELQEREYHLKELREQLAKQTVAIAELTE
ELQSKCIQLNKLQDVIVHQGGSPQLQASPDKVPLDVHRKTSGLVSLHSRRGAKAGVSAEPTTRTYDLNKPP
EFSFEKARVRKDSSEKLLITDALNKNQFLKRLDPQQIKDMVECMYGRNYQQGSYVIKQGEPGNHIFVLA
GRLEVFQGEKLLSSIPMWTTFGELAILYNCTRRTASVKAITNVKTWALDREVFQNIIMRRTAQARDEEYRNF
LRSVSLKLNLPEDKLTKIIDCLEVEYYDKGDYIIREGEEGSTFFILAKGKVKVTQSTEGHDQPQLIKTLQ
KGEYFGEKALISDDVRSANIIAEENDVACLVIDRETFNQTVGTFDELQKYLEGYVATLNRDDEKRRHAKRS
MSSWKLKALSLEMIQLKEKVARFSSTSPFNLEIATLGVGGFGRVELVKVKNENVAFAMKCIKKHIV
DTKQQEHVYSEKRILEELCSPFIVKLYRTFKDNKYVYMLLEACLGGELWSILRDRGSFDEPTSKFCVACV
TEAFDYLRHLGIIYRDLKPENLILDADGYLKLVDGFAKKIGSGQKTWTFCGTPEYVAPEVILNKGHDFS
VDFWSLGILVYELLTGNPPFSGIDQMMTYNLILKIEKMDFPKTRRPEDLIRRLCRQNPTERLGNLKN
GINDIKKHRWLNFGNWEGLKARSLPSPLRRELSGPIDHSYFDKYPPEKGVPPDEMMSGWDKDF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

| | |
|----------------|--|
| Tag: | C-MYC/DDK |
| Predicted MW: | 87.3 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: | <u>NP_032952</u> |
| Locus ID: | 19092 |
| UniProt ID: | <u>Q8CAH8</u> , <u>Q8C4R2</u> |
| RefSeq Size: | 4696 |
| Cytogenetics: | 5 48.35 cM |
| RefSeq ORF: | 2289 |
| Synonyms: | AW212535; cGK-II; CGKII; Prkgr2 |