

Product datasheet for TP511904

Gak (NM_153569) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Mouse cyclin G associated kinase (Gak), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species: Mouse
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >MR211904 representing NM_153569
Red=Cloning site **Green**=Tags(s)

MSLLQSALDFLAGPGSLGGAAGRDQSD FVGQTVELGELRLRVRRLAEGGFVYEAQDLGSGREYALKR
LLSNEEEKNRAIQEVCFLLKLSGHPNIVQFCSAASIGKEESDTGQAEFLLTELCKGQLVEFLKRVECK
GPLSCDSILKIFYQTCRAVQHMRQKPIIHRDLKVENLLSNQGTIKLCDFGSATTISHYPDYSWSAQK
RAMVEEIEITRNTTPMYRTP EIVDLYSNFPIGEKQDIWALGCILYLLCFRQHPFEDGAKLRVINGKYSIPV
NDTRYTVFHD LIRAMLKVNPEERLSIAEVRQLQEIAAARNVNP KAPITELLEQNGGYGNSGPSRAQPPC
GGTVNSSGVLALAEYDQPYGGFLDILRGGTERLFTNLKDTSSKVIQSVANYAKGDLDISYITSRIAVMSF
PAEGVESAIKNNIEDVRMFLDAKHPGHYAVYNLSPRIYRASKFHN RVTECGWAVRRAPHLHSLYTLCRSM
HAWLREDHRNVCVVHCMDGRAASAVAVCAFLCFRFLSTAEAAVYMFMSMKRCPPIGWPSHKRYIEYVCDM
VAE EIPPHSKPMLVKSVMTPVPLFSKQRNGCRPFCEVYVGEERVTTTSQ EYDRMKEFKIEDGKAVIPL
GVTVQGDVLIHIIYHARATLGGRLQAKMASMKMFQIQFHTGFVPRNATTVKFAKYDLDACDIQEKYPDLFQ
VNLEVEVEPRDRPSREAPPWENTSLRGLNPKILFSNREEQQDILSKFGKPELPRQPGSTAQYDAEAGSPE
AEITESDSPQSSSTDTNHFLHTLDWQEEKEPETGLDNTSPKESQSVLIADGDGSEVSDEEEASFPEERK
PGAGEDTPRLAAGTKQQLIFDVGM LAAPQEPVQPEEGVDLLGLHSEGDLRPAAPLQACGVPSSNTDLLS
CLLEPSDAAQVGGPDLLGGEAPLLL ASPVSPLGLQNNLQGKVPDTPDFDQFLLSSNSDTQPCSKPDLF
GEFLNSDSVASSTAFPSTHSAPPPSCSTAFHLGLDPAEPSKVIASSHPDLLGGWDTWADTATPGPASI
PVPEGLTFSSAGHPAPPGNPSQTKSQNLDPFADLSLSSSLQGLPAGLPAGGFV GAGAPAPTQKSNPWQA
NRPTAPGTSWTPQAKPAPRASEQLRSHFSVIGAREERGVRVPSFAQKPKVSEND FEDLLPNQGFSKSDKK
GPKTMAEMRKQELARDTDPLKLLDWIEGKERNIRALLSTLHTVLWDGESRWPVSMADLVTPEQVKKQ
YRRAVLVHPDKATGQPYEQYAKMIFMELNDAWSEFENQGS RPLF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK
Predicted MW: 144.1 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_705797
Locus ID:	231580
UniProt ID:	Q99KY4 , A0A0R4J0F6
RefSeq Size:	4453
Cytogenetics:	5 F
RefSeq ORF:	3915
Synonyms:	D130045N16Rik
Summary:	Associates with cyclin G and CDK5. Seems to act as an auxilin homolog that is involved in the uncoating of clathrin-coated vesicles by Hsc70 in non-neuronal cells. Expression oscillates slightly during the cell cycle, peaking at G1 (By similarity).[UniProtKB/Swiss-Prot Function]