

Product datasheet for **TP509524**

Nfatc2 (BC064006) Mouse Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 2 (cDNA clone MGC:70022, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species: | Mouse |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >MR209524 representing BC064006 Red =Cloning site Green =Tags(s) |

MDVPEPQPDPDGGDGGPHEPGGSPQDELDFSLFDYDYLNPIDEEPIAHKAISSPSGLAYPDDVLDYGLK
PCNPLASLSGEPGRFGEPDSIGFQNFLSPVKPAGASGSPRIEITPSHELMQAGGALRGRDAGLSPEQP
ALALAGVAASPRFTLPVPGYEGYREPLCLSPASSGSSASFISDTFSPYTPSPCVSPNAGPDDLCPQFQNI
PAHYSPTSPIMSPRTSLAEDSCLGRHSPVPRPASRSSPGAKRRHSCEALVAPLPAASPPQRSRSPSPQ
PSPHVALQDDSIAGYPPTAGSAVLM DALNTLATDSPCGIPSKIWKTS PDPTPVSTAPSKAGLARHIYPT
VEFLGPCEQEERRNSAPESILLVPPTWPKQLVPAIPICSIPTASLPPLEWPLSNQSGSYELRIEVQPKP
HHRAHYETEGSRGAVKAPTGGHPVWQLHGYMENKPLGLQIFIGTADERILKPHAFYQVHRITGKTVTTTS
YEKIVGNTKVL EIPLEPKNNMRATIDCAGILKLRNADIELRKGETDIGRKNTRVRLVFRVHVPEPSGRIV
SLQAASNPIECKSGLRKGHSIPPGQVTCRNPPVCGDPKGRHCAQVLMASVCLWRLLSGNKT

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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| Tag: | C-MYC/DDK |
| Predicted MW: | 76.2 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. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |



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| Locus ID: | 18019 |
| UniProt ID: | Q60591 |
| RefSeq Size: | 2080 |
| Cytogenetics: | 2 88.91 cM |
| RefSeq ORF: | 1872 |
| Synonyms: | NFAT1, NFAT1-D |
| Summary: | Plays a role in the inducible expression of cytokine genes in T-cells, especially in the induction of the IL-2, IL-3, IL-4, TNF-alpha or GM-CSF. Promotes invasive migration through the activation of GPC6 expression and WNT5A signaling pathway.[UniProtKB/Swiss-Prot Function] |