

Product datasheet for TP507129

Gdi1 (NM_010273) Mouse Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse guanosine diphosphate (GDP) dissociation inhibitor 1 (Gdi1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species: | Mouse |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >MR207129 protein sequence Red =Cloning site Green =Tags(s) MDEEYDVIVLGTGLTECILSGIMSVNGKKVLHMDRNPYYGGESSITPLEELYKRFQILEGPPESMGRGR DWNVDLIPKFLMANGQLVKMLLYTEVTRYLDFKVVESFVYKGGKIYKVPSTETEALASNLGMFEEKRRF RKFLVFVANFDENDPKTFEGVDPQNTSMRDVYRKFDLGQDVIDFTGHALALYRTDDYLDQPCLETINRIK LYESLARYGKSPYLYPLYGLGELPQGFAIRLSAIYGGTYMLNKPVDDIIMENGKVGKSEGEVARCKQL ICDPSYIPDRVQKAGQVIRIICILSHPIKNTNDANSCQIIIPQNQVNRKSDIYVCMISYAHNVAAQGKYI AIASTTVETAEPKEVEPALELLEPIDQKFVAISDLYPEIDDGSESQVFCSCSYDATTHFETTCNDIKDI YKRMAGSAFDFENMKRKQNDVFGAEDQ TR TRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-MYC/DDK |
| Predicted MW: | 50.5 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. |
| RefSeq: | NP_034403 |
| Locus ID: | 14567 |


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|---------------|---|
| UniProt ID: | <u>P50396</u> |
| RefSeq Size: | 2657 |
| Cytogenetics: | X 37.97 cM |
| RefSeq ORF: | 1341 |
| Synonyms: | GDIA; GDIalpha |
| Summary: | Regulates the GDP/GTP exchange reaction of most Rab proteins by inhibiting the dissociation of GDP from them, and the subsequent binding of GTP to them. Promotes the dissociation of GDP-bound Rab proteins from the membrane and inhibits their activation. Promotes the dissociation of RAB1A, RAB3A, RAB5A and RAB10 from membranes.[UniProtKB/Swiss-Prot Function] |