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# Product datasheet for TP504131

## Golph3 (NM_025673) Mouse Recombinant Protein

### Product data:

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|---|---|
| **Product Type:** | Recombinant Proteins |
| **Description:** | Purified recombinant protein of Mouse golgi phosphoprotein 3 (Golph3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| **Species:** | Mouse |
| **Expression Host:** | HEK293T |
| **Expression cDNA Clone or AA Sequence:** | >MR204131 representing NM_025673<br>Red=Cloning site Green=Tags(s)<br><br>MTSLTQRSSGLVQRRTEASRNAADKERAAGGGGGSGEDEAQSRRDEQDDDDKGDSKETRLTLMEEVLLLG<br>LKDREGYTSFWNDCISSGLRGCMLIELALRGRLQLEACGMRRKSLLTRKVICKSDAPTGDVLLDEALKHV<br>KETQPPETVQNWIELLSGETWNPLKLHYQLRNVRERLAKNLVEKGVLTTEKQNFLLFDMTTHPLTNNNIK<br>QRLIKKVQEAVLDKWVNDPHRMDKRLLALIYLAHASDVLENAFAPLLDEQYDLATKRVRQLLDLDPEVEC<br>LKANTNEVLWAVVAAFTK<br><br>TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| **Tag:** | C-MYC/DDK |
| **Predicted MW:** | 33.8 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_079949 |
| **Locus ID:** | 66629 |
| **UniProt ID:** | Q9CRA5 |

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|---|---|
| **RefSeq Size:** | 2657 |
| **Cytogenetics:** | 15 A1 |
| **RefSeq ORF:** | 894 |
| **Synonyms:** | 4733401N08Rik; 5730410D03Rik; AW413496 |
| **Summary:** | Phosphatidylinositol-4-phosphate-binding protein that links Golgi membranes to the cytoskeleton and may participate in the tensile force required for vesicle budding from the Golgi. Thereby, may play a role in Golgi membrane trafficking and could indirectly give its flattened shape to the Golgi apparatus. May also bind to the coatomer to regulate Golgi membrane trafficking. May play a role in anterograde transport from the Golgi to the plasma membrane and regulate secretion. Has also been involved in the control of the localization of Golgi enzymes through interaction with their cytoplasmic part. May play an indirect role in cell migration. Has also been involved in the modulation of mTOR signaling. May also be involved in the regulation of mitochondrial lipids biosynthesis (By similarity).[UniProtKB/Swiss-Prot Function] |