

Product datasheet for **TP325504M**

CAB39 (NM_001130849) Human Recombinant Protein

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human calcium binding protein 39 (CAB39), transcript variant 2, 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC225504 protein sequence Red =Cloning site Green =Tags(s) |

MPFPFGKSHKSPADIVKNLKESMAVLEKQDISDKKAEKATEEVSKNLVAMKEILYGTNEKEPQTEAVAQL
AQELYNSGLLSTLVADLQLIDFEGKKDVAQIFNNILRRQIGTRTPTVEYICTQQNILFMLLKGYESPEIA
LNCGIMLRECI RHEPLAKIILWSEQFYDFFRYVEMSTFDIASDAFATFKDLLTRHKLLSAEFLEQHYDRF
FSEYEKLLHSENYVTKRQSLKLLGELLDRHNFTIMTKYISKPENLKLMMNLLRDKSRNIQFEAFHVFKV
FVANPNKTQPILDILLKNQAKLIEFLSKFQNDRTEDQFNDEKTYLVKQIRD LKRPAQQEA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

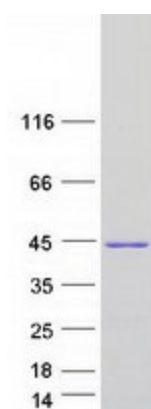
| | |
|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 39.7 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| 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. |
| 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_001124321</u> |
| Locus ID: | 51719 |



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| | |
|-------------------|--|
| UniProt ID: | Q9Y376 , A0A024R496 |
| RefSeq Size: | 3968 |
| Cytogenetics: | 2q37.1 |
| RefSeq ORF: | 1023 |
| Synonyms: | CGI-66; MO25 |
| Summary: | Component of a complex that binds and activates STK11/LKB1. In the complex, required to stabilize the interaction between CAB39/MO25 (CAB39/MO25alpha or CAB39L/MO25beta) and STK11/LKB1.[UniProtKB/Swiss-Prot Function] |
| Protein Pathways: | mTOR signaling pathway |

Product images:



Coomassie blue staining of purified CAB39 protein (Cat# [TP325504]). The protein was produced from HEK293T cells transfected with CAB39 cDNA clone (Cat# [RC225504]) using MegaTran 2.0 (Cat# [TT210002]).