

Product datasheet for TP310540M

RANBP10 (NM_020850) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human RAN binding protein 10 (RANBP10), 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC210540 protein sequence Red =Cloning site Green =Tags(s) |

MAAATADPGAGNPQPGDSSGGGAGGGLPSPGGEQLSRRLQRLYPVAVNQETPLPRSWSPKDKYNYIGLS
Q
GNLRVHYKGGHGNHKAASVRATHPIPAACGIYYFEVKIVSKGRDGYMGIGLSAQGVNMNRLPGWDKH
SY
GYHGDDGHSFCSSGTGQPYGPTFTTGDVIGCCVNLINGTCFYTKNGHSLGIAFTDLPANLYPTVGLQTPG
EIVDANFGQQPFDFIEDYMREWRAKVQGTVHCFISARLGEWQAVLQNMVSSYLVHHGYCATATAFAR
M
TETPIQEEQASIKNRQKIQLVLEGRVGEAIETTQRFYPGLLEHNPNULLFMLKCRQFVEMVNGTDSEVRS
LSSRSPKSQDSYPGSPSLSPRHGPPSSSHMHNTGADSPSCSNGVASTKSKQNHSKYPAPSSSSSSSSSSSS
SSPSSVNYESNSTDSTKSQHHSSTSNQETSDSEVEMEAHYPNGVLGSMSTRIVNGAYKHEDLQTDSS
MDDRHPRRQLCGGNQAATERIILFGRELQALSEQLGREYGKNLAHTEMLQDAFSLAYS DPWSCPVGQQ
L
DPIQREPVCAALNSAILESQNLPKQPPLMLALGQASECLRLMARAGLGSCSFARVDDYLH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

| | |
|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 67.1 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. |



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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: [NP_065901](#)

Locus ID: 57610

UniProt ID: [Q6VN20](#)

RefSeq Size: 5305

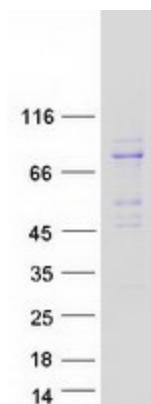
Cytogenetics: 16q22.1

RefSeq ORF: 1860

Summary: RAN is a small GTPase involved in the assembly of microtubules to form mitotic spindles. The protein encoded by this gene is a cytoplasmic guanine nucleotide exchange factor (GEF) that binds beta-tubulin and has GEF activity toward RAN. The encoded protein plays a role in the formation of noncentrosomal microtubules. In addition, this protein may be involved in the regulation of D(1) receptor signaling by protein kinase C delta and protein kinase C gamma. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2016]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified RANBP10 protein (Cat# [TP310540]). The protein was produced from HEK293T cells transfected with RANBP10 cDNA clone (Cat# [RC210540]) using MegaTran 2.0 (Cat# [TT210002]).