

Recombinant Human RANBP10 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RANBP10-4052H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RANBP10 MS Standard C13 and N15-labeled recombinant protein (NP_065901) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	67.2 kDa
AA Sequence	MAAATADPGAGNPQPGDSSGGGAGGGLPSPGEQELSRRLQRLYPVAVNQQETPLP RSWSPKDKYNYIGLSQGNLRVHYKGHGKHNHKAASVRATHPIPAACGIYYFEVKIVS KGRDGYMGIGLSAQGVNMNRLPGWDKHSYGYHGDDGHSFCSSGTGQPYGPTFTT GDVIGCCVNLINGTCFYTKNGHSLGIAFTDLPANLYPTVGLQTPGEIVDANFGQQPFP FDIEDYMREWRAKVQGTVHCFPISARLGEWQAVLQNMVSSYLVHHGYCATATAFA RMTETPIQEEQASIKNRQKIQLVLEGRVGEAIETTQRFYPGLLEHNPNLLFMLKCRQ

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FVEMVNGTDSEVRSLSSRSPKSQDSYPGSPSLSPRHGPSSSHMHNTGADSPSCSN
 GVASTKSKQNHSKYPAPSSSSSSSSSSSSSSSPSSVNYSESNSTDSTKSQHHSSTSN
 QETSDSEVEMEAHYPNGVLGSMSTRIVNGAYKHEDLQTDESSMDDRHPRRQLCG
 GNQAATERIILFGRELQALSEQLGREYGKNLAHTEMLQDAFSLAYS DPWSCPVGQ
 QLDPIQREPVCAALNSAILESQNLPKQPPLMLALGQASECLRLMARAGLGSCSFARV
 DDYLHTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name RANBP10 RAN binding protein 10 [Homo sapiens (human)]

Official Symbol RANBP10

Synonyms RANBP10; RAN binding protein 10; ran-binding protein 10

Gene ID 57610

mRNA Refseq NM_020850

Protein Refseq NP_065901

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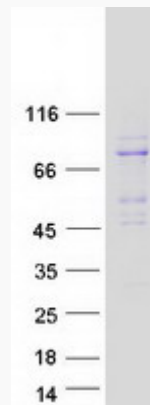
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MIM 614031

UniProt ID Q6VN20

SDS-PAGE



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