

## Product datasheet for TP508076

### Ranbp10 (BC024698) Mouse Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Mouse RAN binding protein 10 (cDNA clone MGC:30446 IMAGE:3667000), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
<b>Species:</b>	Mouse
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>MR208076 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MGIGLSAQGVNMNRLPGWDKHSYGYHGDDGHSFCSSGTGQPYGPTFTTGDVIGCCVNLINGTCFYTKN GH SLGIAFTDLPANLYPTVGLQTPGEIVDANFGQQPFLFDIEDYMREWRAKVQGTVHGFPI SARLGEWQAVL QNMVSSYLVHHGYCSTATAFARM TETPIQEEQASIKNRQKIQLVLEGRVGEAIETTQRFYPGLLEHNPN LLFMLKCRQFVEMVNGTDSEVRSLSRSPKSDSYPGSPSLSPRHGPPSSSHIHNTGADSPSCSNGVASTK NKQNHSKYPAPSSSSSSSSSSSSSSSSSVNYSESNSTDSTKSQPHSSTSNQETSDSEMEMEA EHPNGVL ESVSTRIVNGAYKHDDLQ TDESSMDDGHPRRQLCGGNQAATERIILFGRELQALSEQLGREYGKNLAHTE MLQDAFSL LAYS DPWSCP VGHQLDPIQREPVCAALNSAILESQNL PKQPPLMLALGQASECLRLMARAG L GSCSFARVDDYLH</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
<b>Tag:</b>	C-MYC/DDK
<b>Predicted MW:</b>	54.7 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Locus ID:</b>	74334
<b>UniProt ID:</b>	<a href="#">Q6VN19</a>
<b>RefSeq Size:</b>	5169
<b>Cytogenetics:</b>	8 D3
<b>RefSeq ORF:</b>	1509
<b>Synonyms:</b>	4432417N03Rik
<b>Summary:</b>	May act as an adapter protein to couple membrane receptors to intracellular signaling pathways (Probable). Core component of the CTLH E3 ubiquitin-protein ligase complex that selectively accepts ubiquitin from UBE2H and mediates ubiquitination and subsequent proteasomal degradation of the transcription factor HBP1 (By similarity). Enhances dihydrotestosterone-induced transactivation activity of AR, as well as dexamethasone-induced transactivation activity of NR3C1, but does not affect estrogen-induced transactivation (By similarity). Acts as a guanine nucleotide exchange factor (GEF) for RAN GTPase (PubMed:18347012). May play an essential role in hemostasis and in maintaining microtubule dynamics with respect to both platelet shape and function (PubMed:19801445). [UniProtKB/Swiss-Prot Function]