

Product datasheet for **TP518464**

Ranbp3 (NM_027933) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse RAN binding protein 3 (Ranbp3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR218464 protein sequence Red =Cloning site Green =Tags(s)
	<p>MADLANEEKPAVAPSVFVFQKDKGQKRSAGSSSPEAGEDSDHEDGNYCPPVKRERTSSLTHSEEKSSGFR LKPPTLIHGQAPSAGLPSQKPREQQRGVLRPAVLQAPQPKVLSQTPSSGTNGVSM PADCTGPATSVSPE NLTQRSPSESAEETHLEEKVPQKTPHGTSEEGHC EEEQAAPQAFVFGQNLDRVKLMNENASVADVDSA AHPSSETPSATNYFLQYISSADNATHSADNSTKFVFGQNMSEVLSPPKLNEANS DTSRETTHAQSGSE SSSQEAAPKKESLAESAAAYTKATAWTCLEKVEVITGEEAESNVLQIQCKLFVFDKTSQSWVERGRLL RLNDMASTDDGTLQSRLVMRTQGSLRLILNTKLWAQMMDKASEKSIRITATDAEDQGVKVLISASSKD TGQLYAALHHRILALRSRAEQEQEAKAPPEPGATRTEEDSDEDAVLAPSGVTGAGTGDEGDGQAPGS T</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	52.6 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:	<u>NP_082209</u>



[View online »](#)

Locus ID:	71810
UniProt ID:	<u>Q9CT10</u>
RefSeq Size:	2511
Cytogenetics:	17 D
RefSeq ORF:	1473
Synonyms:	2610024N24Rik; AA408221
Summary:	Acts as a cofactor for XPO1/CRM1-mediated nuclear export, perhaps as export complex scaffolding protein. Bound to XPO1/CRM1, stabilizes the XPO1/CRM1-cargo interaction. In the absence of Ran-bound GTP prevents binding of XPO1/CRM1 to the nuclear pore complex. Binds to CHC1/RCC1 and increases the guanine nucleotide exchange activity of CHC1/RCC1. Recruits XPO1/CRM1 to CHC1/RCC1 in a Ran-dependent manner. Negative regulator of TGF-beta signaling through interaction with the R-SMAD proteins, SMAD2 and SMAD3, and mediating their nuclear export (By similarity).[UniProtKB/Swiss-Prot Function]