

Product datasheet for TP523278

Ranbp9 (NM_019930) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse RAN binding protein 9 (Ranbp9), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR223278 representing NM_019930
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MSGQPPPPPPQQPPPPPPAAGAPGSGVALPAAAAASAGSSPAGSPGGGLGAAAAALLHPPPPPPPPA
TAAPPPASAAAPATAPPGLAVGPGPAAGVPVPGLAAGSSAAAPFPHGDSALNEQEKLQRRLKRLYP
DEQETPLPRSWSPKDKFSYIGLSQNNLRVHYKGHGKTPKDAASVRATHPIAACGIYFEVKIVSKGRDG
YMGIGLSAQGVNMNRLPGWDKHSYGYHGDDGHSFCSSGTGQPYGPTFTTGDVIGCCVNLINNTCFYTKNG
HSLGIAFTDLPPNLYPTVGLQTPGEVVDANFGQHPFVFDIEDYMREWRTKIQAQIDRFPIGDREGEWQTM
IQKMOVSSYLVHHGYCATAEAFARSTDQTVLEELASIKNRQRIQKLVLAGRMGEAIETTQQLYPSLLERNP
NLLFTLKVQRQFIEMVNGTDSEVRCLGGRSPKSQDSYPVSPRPFSSPSMSPSHGMSIHLAPGKSSTAHFS
GFESCNGVISNKAHQSYCHSKHQLSSLTVPELNSLNVRSQQVNNFTSNDVDMETDHYSGVGETSSNG
FLNGSSKHDHEMEDCDTEMEVDCSQLRRQLCGGSQAAIERMIHFGRELQAMSEQLRRECGKNTANKKMLK
DAFSLLAYSDPWNSPVGNQLDPIQREPVCSALNSAILETHNLPKQPPLALAMGQATQCLGLMARSVGVGSC
AFATVEDYLH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	76.2 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.



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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_064314
Locus ID:	56705
UniProt ID:	P69566 , E9Q5D6
RefSeq Size:	3064
Cytogenetics:	13 A4
RefSeq ORF:	2130
Synonyms:	IBAP-1; Ibp1; RanBPM
Summary:	May act as scaffolding protein, and as adapter protein to couple membrane receptors to intracellular signaling pathways. Acts as a mediator of cell spreading and actin cytoskeleton rearrangement. 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. May be involved in signaling of ITGB2/LFA-1 and other integrins. Enhances HGF-MET signaling by recruiting Sos and activating the Ras pathway. Enhances dihydrotestosterone-induced transactivation activity of AR, as well as dexamethasone-induced transactivation activity of NR3C1, but not affect estrogen-induced transactivation. Stabilizes TP73 isoform Alpha, probably by inhibiting its ubiquitination, and increases its proapoptotic activity. Inhibits the kinase activity of DYRK1A and DYRK1B. Inhibits FMR1 binding to RNA.[UniProtKB/Swiss-Prot Function]