

## Product datasheet for TP502099

### Rab30 (NM\_029494) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse RAB30, member RAS oncogene family (Rab30), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202099 protein sequence Red=Cloning site Green=Tags(s)
	MSMEDYDFLFKIVLIGNAGVGTKCLVRRFTQGLFPPGQGATIGVDFMIKTVEINGEKVKLQIWDTAGQER FRSITQSYRSANALILTYDITCEESFRCLPEWLREIEQYASNKVITLVGNKIDLAERREVSQQRAEEF SEAQDMYYLETSAKESDNVEKLFLLDLACRLISEARQNTLVNNVSSPLPGEGKSISYLTCCNFN
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	23.1 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
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><a href="#">NP_083770</a></u>
Locus ID:	75985
UniProt ID:	<u><a href="#">Q923S9</a></u> , <u><a href="#">Q0PD24</a></u>
RefSeq Size:	2007
Cytogenetics:	7 E1



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RefSeq ORF: 612

Synonyms: 5033421K01Rik; AI323892; Rsb30

**Summary:** The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different set of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion (By similarity). Required for maintaining the structural integrity of the Golgi apparatus, possibly by mediating interactions with cytoplasmic scaffolding proteins (By similarity).[UniProtKB/Swiss-Prot Function]