

Product datasheet for TP502325

Rab25 (NM_016899) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse RAB25, member RAS oncogene family (Rab25), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202325 protein sequence Red=Cloning site Green=Tags(s)

MGNRTDEDYNFVKWVLIGESGVGKTNLLSRFTRNEFSHDSRTTIGVEFSTRVMLGTA AVKAQIWDTAG
LERYRAITSAYYRGAVGALLVFDLTKHQTYAWVERWLKELYDHAEATIVVMLVGNKSDLSQAREVPTEEA
CMFAENGLLLFLETSALDSTNVELAFQTVLKEIFAKVSKQKQNSTRTSAILGNAQAGQDPGPGEKRACC
ISL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	23.5 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:	NP_058595
Locus ID:	53868
UniProt ID:	Q9WTL2 , Q0PD30
RefSeq Size:	1060



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Cytogenetics: 3 F1

RefSeq ORF: 642

Synonyms: AV012978

Summary: Involved in the regulation of cell survival. Promotes invasive migration of cells in which it functions to localize and maintain integrin alpha-V/beta-1 at the tips of extending pseudopodia. Involved in the regulation of epithelial morphogenesis through the control of CLDN4 expression and localization at tight junctions (PubMed:22696678). May selectively regulate the apical recycling pathway. Together with MYO5B regulates transcytosis (By similarity).[UniProtKB/Swiss-Prot Function]