Product datasheet for TP505446

Fam45a (NM_026437) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse family with sequence similarity 45, member A (Fam45a), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205446 protein sequence Red=Cloning site Green=Tags(s) MAAVVAMDTQLMLGVGLIEKDSSNGEALWVWCYPSTTASLRNLLLRKCCLTDENKLLHPFVFGQYRRTWF YVTTVEVPDSSVLKKVTHFSIVLTAKDFNPEKYAAFTRILCRIYLKYGSPVKMMESYIAVLTKGICQSEE NGSFLSRDFDGRKAYLAGSIKDIVSQFGMETVILHTALMLKKRIVVYHPKIEAVQEFTRTLPALVWHRQD WTILHSYMHLHAEELEGLQMCTGYIAGFVELEVSNRPDLYDVFVNLADSEITIAPLAKEAMTMGKLHKEI GQLIVQSAEDPEKSDSQVIQDIALKTKEIFTHLAPFSEVSDDGGKVILNVEALKQQRFPPATENFLYHLA AAEQMLKV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	40.5 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_080713
Locus ID:	67894

View online »

UniProt ID:	Q9D8N2
RefSeq Size:	2366
Cytogenetics:	19 D3
RefSeq ORF:	1074
Synonyms:	1810055E12Rik
Summary:	Guanine nucleotide exchange factor (GEF) regulating homeostasis of late endocytic pathway, including endosomal positioning, maturation and secretion, possibly through activating Rab proteins such as RAB27A and RAB27B. Seems to promote the exchange of GDP to GTP, converting inactive GDP-bound RAB27A and RAB27B into their active GTP-bound form. [UniProtKB/Swiss-Prot Function]