

Product datasheet for **TP305498M**

RASGEF1A (NM_145313) Human Recombinant Protein

Product data:

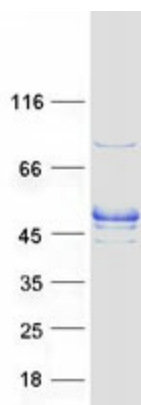
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human RasGEF domain family, member 1A (RASGEF1A), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205498 protein sequence Red =Cloning site Green =Tags(s)
	MPQTSVVFSSILGPSCSGQVQPGMGERGGGAGGGSGDLIFQDGHLSIGSLEALMEHLVPTVDYYPDRTYI FTLLSSRVFMPPHDLLARVGQICVEQKQQLLEAGPEKAKLKSFSKIVQLLKEWTEAFPYDFQDEKAMAE LKAITHRVTVQCDEENGTVKKAIAQMTQSLLSLAARSQQLREKLRPAPVDKGPILKTKPPAAQKDILG VCCDPLVLAQQLTHIEDRVSSIYPEDLMQIVSHMDSLDNHRRCRGLTKTYSLEAYDNWFNCLSMVATE VCRVVKKKHRTMLFEFFIDVARECFNIGNFNMSMAIISGMNLSPPVARLKKTWKSKVTAKFDVLEHHMDPS SNFCNYRTALQGATQRSQMANSSREKIVPVFNLFVKDIYFLHKIHTNHLNPNHINFKKFWEISRQIHEF MTWTQVECPFEKDKKIQSLLTAPIYSEELFVASFESEGPENHVEKDSWKTLLNRA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	54.4 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_660356</u>



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Locus ID:	221002
UniProt ID:	<u>Q8N9B8</u>
RefSeq Size:	3243
Cytogenetics:	10q11.21
RefSeq ORF:	1443
Synonyms:	CG4853
Summary:	Guanine nucleotide exchange factor (GEF) with specificity for RAP2A, KRAS, HRAS, and NRAS (in vitro). Plays a role in cell migration.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified RASGEF1A protein (Cat# [TP305498]). The protein was produced from HEK293T cells transfected with RASGEF1A cDNA clone (Cat# [RC205498]) using MegaTran 2.0 (Cat# [TT210002]).