

## Product datasheet for **TP312442M**

### **RABGAP1L (NM\_014857) Human Recombinant Protein**

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human RAB GTPase activating protein 1-like (RABGAP1L), transcript variant 1, 100 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC212442 representing NM\_014857  
**Red**=Cloning site **Green**=Tags(s)

MEVRASLQKVSGSSDSVATMNSEEFVLPQYADDNSTKHEEKPQLKIVSNGDEQLEKAMEEILRDSEKRP  
SSLLVDCQSSSEISDHSFGDIPASQTNKPSLQLILDPSNTEISTPRPSSPGLPEEDSVLFNKLYLGCML  
KVSSPRNEVEALRAMATMKSSSQYFPVTLVYPNVPEGSVRIIDQSSNVEIASFPYKVLFCARGHDGTT  
ESNCFATFESSHGSEEFQIHVFSCEIKEAVSRILYSFCTAFKRSSRQVSDVKDSVIPTPDSVFTFSVSL  
EVKEDDGKGNFSPVPKDRDKFYFKLKQGIEKKVITVQQLSNKELAIERCFGMLLSPGRNVKNSDMHLLD  
MESMGKSYDGRAYVITGMWNPVFLALNEETPKDKQVYMTVAVDMVVTEVVEPVRFLLETVVRVYPAN  
ERFWYFSRKTFTETFFMRLKQSEGKHTNAGDAIYEVVSLQRESKEEPVTPSSGGGPMSPQDDEAEES  
DNESSGTGDVSKDCPEKILYSWCELLGKWHNSNLGARPCKGLSTLVKSGVPEALRAEVWQLLAGCHDNQAM  
LDYRILITKDSAQESVITRDIHRTFPAHDYFKDTGGDGQESLYKICKAYSVYDEDIGYCQGSFLAAVL  
LLHMPPEEQAFVCLVKIMYDGLRDLRNNFEDLHCKFYQLERLMQEQLPDLSHFSDLNLEAHMYASQWF  
LTLFTAKFPLCMVFHIIIDLLLCEGLNIIHFVALALLKTSKEDLLQADFEALGKFFRVQLPKRYRAEENAR  
RLMEQACNIKVPTKLLKYEKEYQTMRESQLQEDPMDRYKVVYL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

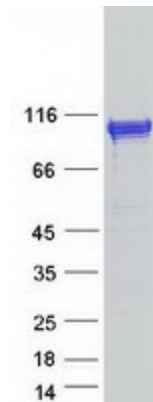
**Tag:** C-Myc/DDK  
**Predicted MW:** 92.3 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_055672</a>
<b>Locus ID:</b>	9910
<b>UniProt ID:</b>	<a href="#">Q5R372</a> , <a href="#">F1LJ00</a>
<b>RefSeq Size:</b>	2940
<b>Cytogenetics:</b>	1q25.1
<b>RefSeq ORF:</b>	2445
<b>Synonyms:</b>	HHL; TBC1D18
<b>Summary:</b>	GTP-hydrolysis activating protein (GAP) for small GTPase RAB22A, converting active RAB22A-GTP to the inactive form RAB22A-GDP (PubMed:16923123). Plays a role in endocytosis and intracellular protein transport. Recruited by ANK2 to phosphatidylinositol 3-phosphate (PI3P)-positive early endosomes, where it inactivates RAB22A, and promotes polarized trafficking to the leading edge of the migrating cells. Part of the ANK2/RABGAP1L complex which is required for the polarized recycling of fibronectin receptor ITGA5 ITGB1 to the plasma membrane that enables continuous directional cell migration (By similarity).[UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified RABGAP1L protein (Cat# [TP312442]). The protein was produced from HEK293T cells transfected with RABGAP1L cDNA clone (Cat# [RC212442]) using MegaTran 2.0 (Cat# [TT210002]).