

OriGene Technologies, Inc.

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Product datasheet for TP309927

RAB1B (NM_030981) Human Recombinant Protein

Product data:

Description:Recombinant protein of human RAB1B, member RAS oncogene family (RAB1B), 20 µgSpecies:HumanExpression Host:HEK293TExpression cDNA clossRC209927 protein sequenceor AA Sequence:Red=Cloning site Green=Tags(s)MNPEYDYLFKLLLIGDSGVGKSCLLLRFADDTYTESYISTIGVDFKIRTIELDGKTIKLQIWDTAGQERF RTITSSYYRGAHGIIVYDVTDQESYANVKQWLQEIDRYASENVNKLLVGNKSDLTTKKVVDNTTAKEFA DSLGIPFLETSAKNATNVEQAFMTMAAEIKKRMGPGAASGGERPNLKIDSTPVKPAGGCCTag:CMycDDKTag:CMycDDKPredicted MW:21 kDa0.05 µg/µL as determined by microplate BCA methodPurity:S0% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:For esting in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Storage:
Expression Host: Expression cDNA Clow or AA Sequence:HEK293TRed=Cloning site Green=Tags(s)Red=Cloning site Green=Tags(s)RNPEYDYLFKLLLIGDSGVGKSCLLLRFADDTYTESYISTIGVDFKIRTIELDGKTIKLQIWDTAGQERF RITSSYYRGAHGIIVYDVTDQESYANVKQWLQEIDRYASENVNKLLVGNKSDLTTKKVVDNTTAKEFA DSLGIPFLETSAKNATNVEQAFMTMAAEIKKRMGPGAASGGERPNLKIDSTPVKPAGGCCTag:CMyc/DDKPredicted MW:2 kDaConcentration:0.05 µg/µL as determined by microplate BCA methodPurity:S0% as determined by SDS-PAGE and Coomassie blue stainingBuffer:0.05 µg/µL as determined by microplate BCA methodPreparation:S0m M Tris-HCI, 100 mM glycine, pH 7.3, 10% glycerolNote:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
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RTITSSYYRGAHGIIVVYDVTDQESYANVKQWLQEIDRYASENVNKLLVGNKSDLTTKKVVDNTTAKEFA DSLGIPFLETSAKNATNVEQAFMTMAAEIKKRMGPGAASGGERPNLKIDSTPVKPAGGGCCTRTRPLEQKLISEEDLAANDILDYKDDDDKVTag:C-Myc/DDKPredicted MW:22 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerolPreparation: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.
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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 112243</u>
Locus ID: 81876
UniProt ID: <u>Q9H0U4</u>
RefSeq Size: 1955



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	RAB1B (NM_030981) Human Recombinant Protein – TP309927
Cytogenetics:	11q13.2
RefSeq ORF:	603
Summary:	Members of the RAB protein family, such as RAB1B, are low molecular mass monomeric GTPases localized on the cytoplasmic surfaces of distinct membrane-bound organelles. RAB1B functions in the early secretory pathway and is essential for vesicle transport between the endoplasmic reticulum (ER) and Golgi (Chen et al., 1997 [PubMed 9030196]; Alvarez et al., 2003 [PubMed 12802079]).[supplied by OMIM, Jan 2009]
Protein Families	: Transcription Factors

Product images:

116	_	
66	—	
45	-	
35	_	
25	_	
18	_	
14	-	

Coomassie blue staining of purified RAB1B protein (Cat# TP309927). The protein was produced from HEK293T cells transfected with RAB1B cDNA clone (Cat# [RC209927]) using MegaTran 2.0 (Cat# [TT210002]).

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