

## Product datasheet for **TP301468**

### **RIPOR2 (NM\_015864) Human Recombinant Protein**

#### **Product data:**

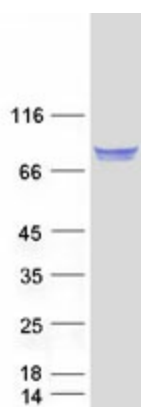
<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human family with sequence similarity 65, member B (FAM65B), transcript variant 2, 20 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC201468 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MLVGSQSFSPGGPNGIIRSQSFAGFSGLQERRSRCNSFIENSSALKKPQAKLKKMHNLGHKNNNPPKEPQ PKRVEEVYRALKNGLDEYLEVHQTELDKLTAKLQKDMKRNSRLGVLYDLKQIKTIERYMRRLEFHISKVD ELYEAYCIQRRQLQDGASKMKQAFATSPASKAARESLEINRSFKEYTENMCTIEVELENLLGEFSIKMKG LAGFARLCPGDQYEIFMKYGRQRWKLKGKIEVNGKQSWDGEETVFLPLIVGFISIKVTELKGLATHILVG SVTCETKELFAARPQVAVDINDLGTIKLNLEITWYPFDVEDMTASSGAGNKAALQRRMSMYSQGTPET PTFKDHSFFSNLPDDIFENGKAAEEKMPLSLFSFDLPNGDCALTSHTGSPSNSTNPEITITPAEFNLSS LASQNEGMDDTSSASSRNSLGEGQEPKSHLKEEDPEEPRKPASAPSEACRRQSSGAGAEHLFLENDVAEA LLQESEEASELKPVELDTSEGNITKQLVKRLTSAEVPMATDRLLSEGSVGGSEGEGRSFLDGSLEDAFNG LLLALEPHKEQYKEFQDLNQEVMNLDDILKK</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	65.5 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<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.



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<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>	<u>NP_056948</u>
<b>Locus ID:</b>	9750
<b>UniProt ID:</b>	<u>Q9Y4F9</u>
<b>RefSeq Size:</b>	2462
<b>Cytogenetics:</b>	6p22.3
<b>RefSeq ORF:</b>	1773
<b>Synonyms:</b>	C6orf32; DFNB104; DIFF40; DIFF48; FAM65B; MYONAP; PL48
<b>Summary:</b>	This gene encodes an atypical inhibitor of the small G protein RhoA. Inhibition of RhoA activity by the encoded protein mediates myoblast fusion and polarization of T cells and neutrophils. The encoded protein is a component of hair cell stereocilia that is essential for hearing. A splice site mutation in this gene results in hearing loss in human patients. [provided by RefSeq, Sep 2016]

### Product images:



Coomassie blue staining of purified RIPOR2 protein (Cat# TP301468). The protein was produced from HEK293T cells transfected with RIPOR2 cDNA clone (Cat# [RC201468]) using MegaTran 2.0 (Cat# [TT210002]).