

Product datasheet for **TP301468L**

RIPOR2 (NM_015864) Human Recombinant Protein

Product data:

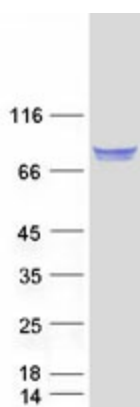
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human family with sequence similarity 65, member B (FAM65B), transcript variant 2, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201468 protein sequence Red =Cloning site Green =Tags(s)
	<p>MLVGSQSFSPGGPNGIIRSQSFAGFSGLQERRSRCNSFIENSSALKKPQAKLKKMHNHGHKNNNPPKEP Q PKRVEEVYRALKNGLDEYLEVHQTELDKLTAKLDMKRNSRLGVLYDLKQIKTIERYMRRLEFHISKVD ELYEAYCIQRRQLQDGASKMKQAFATSPASKAARESLEINRSFKEYTENMCTIEVELENLLGEFSIKMKG LAGFARLCPGDQYEIFMKYGRQRWKLKGKIEVNGKQSWDGEETVFLPLIVGFISIKVTELKGLATHILVG SVTCETKELFAARPQVAVDINDLGTIKLNLEITWYPFDVEDMTASSGAGNKAALQRRMSMYSQGTPEP PTFKDHSFFSNLPDDIFENGKAAEEKMPLSLSFSDLPNGDCALTSHTGSPSNSTNPEITITPAEFNLSS LASQNEGMDDTSSASSRNSLGEGQEPKSHLKEEDPEEPKRPASAPSEACRRQSSGAGAEHLFLENDVAEA LLQESEEASELKPVELDTSEGNITKQLVKRLTSAEVPMATDRLLSEGSVGGESEGCRSFLDGSLEDAFNG LLLALEPHKEQYKEFQDLNQEVMLDDILKK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	65.5 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
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.



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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_056948</u>
Locus ID:	9750
UniProt ID:	<u>Q9Y4F9</u>
RefSeq Size:	2462
Cytogenetics:	6p22.3
RefSeq ORF:	1773
Synonyms:	C6orf32; DFNB104; DIFF40; DIFF48; FAM65B; MYONAP; PL48
Summary:	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]).