

## Product datasheet for **TP301468M**

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

#### **Product data:**

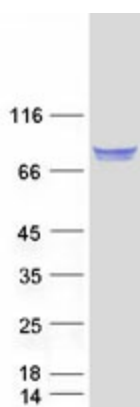
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| <b>Product Type:</b>                         | Recombinant Proteins  |
| <b>Description:</b>                          | Recombinant protein of human family with sequence similarity 65, member B (FAM65B), transcript variant 2, 100 µg  |
| <b>Species:</b>                              | Human   |
| <b>Expression Host:</b>                      | HEK293T   |
| <b>Expression cDNA Clone or AA Sequence:</b> | >RC201468 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)  |
|  | <p>MLVGSQSFSPGGPNGIIRSQSFAGFSGLQERRSRCNSFIENSSALKKPQAKLKKMHNHGHKNNNPPKEP<br/>Q<br/>PKRVEEVYRALKNGLDEYLEVHQTELDKLTAKLDMKRNSRLGVLYDLKQIKTIERYMRRLEFHISKVD<br/>ELYEAYCIQRRQLQDGASKMKQAFATSPASKAARESLEINRSFKEYTENMCTIEVELENLLGEFSIKMKG<br/>LAGFARLCPGDQYEIFMKYGRQRWKLKGKIEVNGKQSWDGEETVFLPLIVGFISIKVTELKGLATHILVG<br/>SVTCETKELFAARPQVAVDINDLGTIKLNLEITWYPFDVEDMTASSGAGNKAALQRRMSMYSQGTPEP<br/>PTFKDHSFFSNLPDDIFENGKAAEEKMPLSLSFSDLPNGDCALTSHTGSPSNSTNPEITITPAEFNLSS<br/>LASQNEGMDDTSSASSRNSLGEGQEPKSHLKEEDPEEPKRPASAPSEACRRQSSGAGAEHLFLENDVAEA<br/>LLQESEEASELKPVELDTSEGNITKQLVKRLTSAEVPMATDRLLSEGSVGGESEGCRSFLDGSLEDAFNG<br/>LLLALEPHKEQYKEFQDLNQEVMLDDILKK</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]).