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# Product datasheet for PH301468

## RIPOR2 (NM_015864) Human Mass Spec Standard

### Product data:

| | |
|---|---|
| **Product Type:** | Mass Spec Standards |
| **Description:** | FAM65B MS Standard C13 and N15-labeled recombinant protein (NP_056948) |
| **Species:** | Human |
| **Expression Host:** | HEK293 |
| **Expression cDNA Clone or AA Sequence:** | RC201468 |
| **Predicted MW:** | 65.7 kDa |
| **Protein Sequence:** | >RC201468 protein sequence<br>Red=Cloning site Green=Tags(s)<br><br>MLVGSQSFSPGGPNGIIRSQSFAGFSGLQERRSRCNSFIENSSALKKPQAKLKKMHNLGHKNNNPPKEPQ<br>PKRVEEVYRALKNGLDEYLEVHQTELDKLTAQLKDMKRNSRLGVLYDLDKQIKTIERYMRRLEFHISKVD<br>ELYEAYCIQRRLQDGASKMKQAFATSPASKAARESLTEINRSFKEYTENMCTIEVELENLLGEFSIKMKG<br>LAGFARLCPGDQYEIFMKYGRQRWKLKGKIEVNGKQSWDGEETVFLPLIVGFISIKVTELKGLATHILVG<br>SVTCETKELFAARPQVVAVDINDLGTIKLNLEITWYPFDVEDMTASSGAGNKAAALQRRMSMYSQGTPET<br>PTFKDHSFFSNLPDDIFENGKAAEEKMPLSLSFSDLPNGDCALTSHSTGSPSNSTNPEITITPAEFNLSS<br>LASQNEGMDDTSSASSRNSLGEGQEPKSHLKEEDPEEPRKPASAPSEACRRQSSGAGAEHLFLENDVAEA<br>LLQESEEASELKPVELDTSEGNITKQLVKRLTSAEVPMATDRLLSEGSVGGESEGCRSFLDGSLEDAFNG<br>LLLALEPHKEQYKEFQDLNQEVMNLDDILKK<br><br>TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| **Tag:** | C-Myc/DDK |
| **Purity:** | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| **Concentration:** | >0.05 µg/µL as determined by microplate BCA method |
| **Labeling Method:** | Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine |
| **Buffer:** | 25 mM Tris-HCl, 100 mM glycine, pH 7.3 |
| **Storage:** | Store at -80°C. Avoid repeated freeze-thaw cycles. |
| **Stability:** | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| **RefSeq:** | NP_056948 |
| **RefSeq Size:** | 2462 |
| **RefSeq ORF:** | 1773 |

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**Synonyms:** C6orf32; DFNB104; DIFF40; DIFF48; FAM65B; MYONAP; PL48

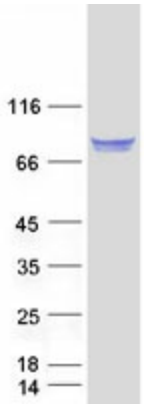
**Locus ID:** 9750

**UniProt ID:** Q9Y4F9, A0A024R028

**Cytogenetics:** 6p22.3

**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]).