

Recombinant Human RIPOR2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RIPOR2-1461H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FAM65B MS Standard C13 and N15-labeled recombinant protein (NP_056948) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	65.7 kDa
AA Sequence	MLVGSQSFSPGGPNGIIRSQSFAGFSGLQERRSRCNSFIENSSALKKPQAKLKMMH NLGHKNNNPPKEPQPKRVEEVYRALKNGLDEYLEVHQTELDKLTAQLKDMKRNSRL GVLYDLDKQIKTIERYMRRLEFHISKVDELYEAYCIQRRRLQDGASKMKQAFATSPASK AARESLTEINRSFKEYTENMCTIEVELENLLGEFSIKMKGLAGFARLCPGDQYEIFMK YGRQRWKLKGKIEVNGKQSWDGEETVFLPLIVGFISIKVTELKGLATHILVGSVTCET KELFAARPQVVAVDINDLGTIKLNLEITWYPFDVEDMTASSGAGNKAALQRRMSMY SQGTPETPTFKDHSFFSNLPDDIFENGKAAEEKMPLSLSFSDLPNGDCALTSHSTGS PSNSTNPEITITPAEFNLSSLASQNEGMDDTSSASSRNSLGEGQEPKSHLKEEDPEE

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PRKPASAPSEACRRQSSGAGAEHLFLENDVAEALLQESEEASELKPVELDTSEGNIT
KQLVKRLTSAEVPMATDRLLSEGSVGGEGSEGCERSFLDGSLEDAFNGLLLALEPHKE
QYKEFQDLNQEVNMLDDILKKTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [RIPOR2 RHO family interacting cell polarization regulator 2 \[Homo sapiens \(human\) \]](#)

Official Symbol [RIPOR2](#)

Synonyms RIPOR2; RHO family interacting cell polarization regulator 2; PL48; DIFF40; DIFF48; FAM65B; MYONAP; C6orf32; DFNB104; rho family-interacting cell polarization regulator 2; family with sequence similarity 65 member B; myogenesis-related and NCAM-associated protein homolog; protein FAM65B

Gene ID [9750](#)

mRNA Refseq [NM_015864](#)

Protein Refseq [NP_056948](#)

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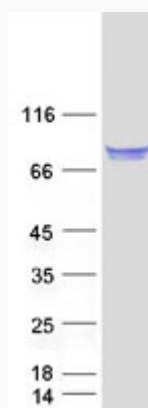
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MIM 611410

UniProt ID Q9Y4F9

SDS-PAGE



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