

Recombinant Full Length Human RIPOR2 Protein, GST-tagged

Cat. No. RIPOR2-4627HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FAM65B full-length ORF (ADZ15589.1, 1 a.a. - 591 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	591 amino acids
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. [provided by RefSeq, Sep 2016]
Molecular Mass	65.1 kDa
AA Sequence	MLVGSQSFSPGGPNGIIRSQSFAGFSGLQERRSRCNSFIENSSALKKPQAKLKKMH NLGHKNNNPPKEPQPKRVEEVYRALKNGLDEYLEVHQTELDKLTAAQLKDMKRNSRL GVLYDLDKQIKTIERYMRRLEFHISKVDELYEAYCIQRRRLQDGASKMKQAFATSPASK AARESLTEINRSFKEYTENMCTIEVELENLLGEFSIKMKGLAGFARLCPGDQYEIFMK YGRQRWKLKGKIEVNGKQSWDGEETVFLPLIVGFISIKVTELKGLATHILVGSVTCET KELFAARPQVAVDINDLGTIKLNLEITWYPFDVEDMTASSGAGNKAAALQRRMSMY SQGTPETPTFKDHSFFSNLPDDIFENGKAAEEKMPLSLSFSDLPNGDCALTSHSTGS PSNSTNPEITITPAEFNLSSLASQNEGMDDTSSASSRNSLGEGQEPKSHLKEEDPEE

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PRKPASAPSEACRRQSSGAGAEHLFLENDVAEALLQESEEASELKPVELDTSEGNIT
KQLVKRLTSAEVPMATDRLLSEGSVGGEGSEGCERSFLDGSLEDAFNGLLLALEPHKE
QYKEFQDLNQEVMLDDILKK

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

RIPOR2 RHO family interacting cell polarization regulator 2 [Homo sapiens (human)]

Official Symbol

RIPOR2

Synonyms

FAM65B; family with sequence similarity 65, member B; C6orf32, chromosome 6 open reading frame 32; protein FAM65B; DIFF48; KIAA0386; PL48; DIFF40; C6orf32; RIPOR2; RHO family interacting cell polarization regulator 2

Gene ID

9750

mRNA Refseq

NM_014722

Protein Refseq

NP_055537

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MIM	611410
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UniProt ID	Q9Y4F9
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