

Recombinant Human RIPOR2 Protein, GST-tagged

Cat. No. RIPOR2-3789H **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	Wheat Germ
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 GVLYDLKQIKTIERYMRRLEFHISKVDELYEAYCIQRRQLDGASKMKQAFATSPASK AARESLTEINRSFKEYTENMCTIEVELENLLGEFSIKMKGLAGFARLCPGDQYEIFMK YGRQRWKLKGKIEVNGKQSWDGEETVFLPLIVGFISIKVTELKGLATHILVGSVTCET KELFAARPQVAVDINDLGTIKLNLEITWYPFDVEDMTASSGAGNKAALQRRMSMY SQGTPETPTFKDHSFFSNLPDDIFENGKAAEEKMPLSLSFSDLPNGDCALTSHSTGS PSNSTNPEITITPAEFNLSSLASQNEGMDDTSSASSRNSLGEGQEPKSHLKEEDPEE PRKPASAPSEACRRQSSGAGAEHLFLENDVAEALLQESEEASELKPVELDTSEGNIT

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	KQLVKRLTSAEVPMATDRLLSEGSVGGEGSEGCERSFLDGSLEDAFNGLLLALEPHKE QYKEFQDLNQEVMMNLDDILKK
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
MIM	611410

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UniProt ID

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