FAM59A Blocking Peptide

PRODUCT OVERVIEW

Product Name	FAM59A, Blocking Peptide
Full Product Name	FAM59A Peptide
Product Gene Name	FAM59A blocking peptide
Product Synonym Names	Gm944; FAM59A; C18orf11; GRB2-associated and regulator of MAPK protein; GRB2-associated and regulator of MAPK1; family with sequence similarity 59, member A
Form/Format	Liquid
Concentration	200 ug/mL (lot specific)
Preparation and Storage	Store FAM59A peptide at -20 degree C, stable for one year.
Antibody/Peptide Pairs	FAM59A peptide (MBS152888) is used for blocking the activity of FAM59A antibody (MBS150293)
Molecular Weight	97,099 Da
Species	Human
Buffer	PBS pH 7.2 (10 mM NaH2PO4, 10 mM Na2HPO4, 130 mM NaCl) containing 0.1% bovine serum albumin and 0.02% sodium azide
Location	19 amino acids near the carboxy terminus of human FAM59A.
Applications Tested/Suitable for FAM59A blocking peptide	Blocking (BL)
Application Notes for FAM59A blocking peptide	FAM59A peptide is used for blocking the activity of FAM59A antibody.
Related Product Information for FAM59A blocking peptide	MBS152888 is a blocking peptide targeting FAM59A. Also known as FAM59A Peptide.
Other Notes	Small volumes of FAM59A blocking peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FAM59A. It may not necessarily be applicable to this product.

NCBI GI #	125991851
NCBI GeneID	64762
NCBI Accession #	Q9H706.2
UniProt Primary Accession #	Q9H706
UniProt Secondary Accession #	Q0VAG3; Q0VAG4; Q8ND03; Q9BSF5
UniProt Related Accession #	Q9H706
NCBI Official Full Name	GRB2-associated and regulator of MAPK protein
NCBI Official Synonym Full Names	GRB2 associated, regulator of MAPK1
NCBI Official Symbol	GAREM

NCBI Official Synonym Symbols	Gm944; FAM59A; C18orf11
UniProt Protein Name	GRB2-associated and regulator of MAPK protein
UniProt Synonym Protein Names	GRB2-associated and regulator of MAPK1
UniProt Gene Name	GAREM
UniProt Synonym Gene Names	C18orf11; FAM59A
UniProt Entry Name	GAREM_HUMAN
NCBI Protein Information	GRB2-associated and regulator of MAPK protein; protein FAM59A; GRB2-associated and regulator of MAPK1; Grb2-associated and regulator of Erk/MAPK; family with sequence similarity 59, member A
NCBI Summary for FAM59A	This gene encodes an adaptor protein which functions in the epidermal growth factor (EGF) receptor-mediated signaling pathway. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]
UniProt Comments for FAM59A	GAREM: a protein of unknown function. Contains a predicted ATPase (AAA+ superfamily). Protein type: Adaptor/scaffold Chromosomal Location of Human Ortholog: 18q12.1 Cellular Component: plasma membrane Molecular Function: protein binding Biological Process: epidermal growth factor receptor signaling pathway; positive regulation of cell division; positive regulation of cell proliferation
Research Articles on FAM59A	**1.** Data indicate that a subtype of GAREM, GAREM2, is specifically expressed in the mouse, rat, and human brain.
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