GPR177 Peptide - Middle Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	GPR177, Blocking Peptide
Full Product Name	GPR177 Peptide - middle region
Product Gene Name	GPR177 blocking peptide
Product Synonym Gene Name	C1orf139; EVI; FLJ23091; MGC131760; MGC14878; MRP; WLS; GPR177
Form/Format	Lyophilized powder
Preparation and Storage	Add 100ul of sterile PBS. Final peptide concentration is 1 mg/ml in PBS. For longer periods of storage, store at -20 degree C. Avoid repeat freeze-thaw cycles.
Antibody/Peptide Pairs	GPR177 peptide (MBS3232331) is used for blocking the activity of GPR177 antibody (MBS3207366)
Molecular Weight	62kDa
OMIM	611514
Product Categories/Family for GPR177 blocking peptide	Peptide
Applications Tested/Suitable for GPR177 blocking peptide	Western Blot (WB)
Related Product Information for GPR177 blocking peptide	GPR177 has signal transducer activity. It is positive regulation of I-kappaB kinase/NF-kappaB cascade.
Other Notes	Small volumes of GPR177 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.
Searchable Terms for GPR177 purchase	MBS3232331 is a blocking peptide targeting GPR177. Also known as GPR177 Peptide - middle region.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GPR177. It may not necessarily be applicable to this product.

NCBI GI #	301069320
NCBI GeneID	79971
NCBI Accession #	NP_001002292
UniProt Primary Accession #	Q5T9L3
UniProt Related Accession #	Q5T9L3
GenBank Nucleotide #	NM_001002292
NCBI Official Full Name	protein wntless homolog isoform 2
NCBI Official Synonym Full Names	Wnt ligand secretion mediator
NCBI Official Symbol	WLS
NCBI Official Synonym Symbols	EVI; MRP; GPR177; mig-14; C1orf139
UniProt Protein Name	Protein wntless homolog

UniProt Synonym Protein Names	Integral membrane protein GPR177; Protein evenness interrupted homolog; EVI; Putative NF-kappa-B-activating protein 373
Protein Family	Protein wntless
UniProt Gene Name	WLS
UniProt Synonym Gene Names	C1orf139; GPR177; EVI
UniProt Entry Name	WLS_HUMAN
NCBI Protein Information	protein wntless homolog
UniProt Comments for GPR177	GPR177: Regulates Wnt proteins sorting and secretion in a feedback regulatory mechanism. This reciprocal interaction plays a key role in the regulation of expression, subcellular location, binding and organelle-specific association of Wnt proteins. Plays also an important role in establishment of the anterior-posterior body axis formation during development. Belongs to the wntless family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, multi-pass; Membrane protein, integral Chromosomal Location of Human Ortholog: 1p31.3 Cellular Component: dendrite cytoplasm; Golgi membrane; cytoplasmic vesicle membrane; early endosome membrane; integral to membrane; plasma membrane Molecular Function: Wnt-protein binding; signal transducer activity; protein binding; mu-type opioid receptor binding Biological Process: positive regulation of I-kappaB kinase/NF-kappaB cascade; Wnt receptor signaling pathway; mesoderm formation; anterior/posterior axis specification
Research Articles on GPR177	**1.** GPR177 as a novel candidate for prognostic marker as well as a promising target for treatment of gastric cancer patients.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/blocking-peptide/gpr177/3232331