SH3GL3 Peptide - C-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	SH3GL3, Blocking Peptide
Full Product Name	SH3GL3 Peptide - C-terminal region
Product Gene Name	SH3GL3 blocking peptide
Product Synonym Gene Name	SH3GL3; CNSA3; SH3D2C;
Sequence	Synthetic peptide located within the following region: TEILQELQSK LQMRISAASS VPRREYKPRP VKRSSSELNG VSTTSVVKTT
Species Reactivity	Human
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	SH3GL3 peptide (MBS3244159) is used for blocking the activity of SH3GL3 antibody (MBS3219267)
Molecular Weight	38kDa
OMIM	603362
Product Categories/Family for SH3GL3 blocking peptide	Peptide
Applications Tested/Suitable for SH3GL3 blocking peptide	Western Blot (WB)
Related Product Information for SH3GL3 blocking peptide	This is a synthetic peptide designed for use in combination with anti-SH3GL3 Antibody, made Target Description: SH3GL3 is implicated in endocytosis. It may recruit other proteins to membranes with high curvature.
Other Notes	Small volumes of SH3GL3 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 SH3GL3 purchase	MBS3244159 is a blocking peptide targeting SH3GL3. Also known as SH3GL3 Peptide - C-terminal region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SH3GL3. It may not necessarily be applicable to this product.

NCBI GI #	12643798
NCBI GeneID	6457
NCBI Accession #	NP_003018
UniProt Primary Accession #	Q99963
UniProt Related Accession #	Q99963
NCBI Official Full Name	Endophilin-A3
NCBI Official Synonym Full Names	SH3 domain containing GRB2 like 3, endophilin A3

NCBI Official Symbol	SH3GL3
NCBI Official Synonym Symbols	CNSA3; EEN-B2; SH3D2C; SH3P13; HsT19371
UniProt Protein Name	Endophilin-A3
UniProt Synonym Protein Names	EEN-B2; Endophilin-3; SH3 domain protein 2C; SH3 domain-containing GRB2-like protein 3
Protein Family	Endophilin
UniProt Gene Name	SH3GL3
UniProt Synonym Gene Names	CNSA3; SH3D2C
UniProt Entry Name	SH3G3_HUMAN
NCBI Protein Information	endophilin-A3
UniProt Comments for SH3GL3	SH3GL3: Implicated in endocytosis. May recruit other proteins to membranes with high curvature. Belongs to the endophilin family. 4 isoforms of the human protein are produced by alternative splicing. Chromosomal Location of Human Ortholog: 15q24 Cellular Component: early endosome membrane Molecular Function: identical protein binding; protein binding; lipid binding Biological Process: central nervous system development; endocytosis; signal transduction
Research Articles on SH3GL3	**1.** Our findings indicate that SH3GL3 plays an important role in myeloma cell migration/invasion, stemness and chemo-resistance. The SH3GL3-mediated myeloma cell migration/invasion is mediated by FAK/PI3K signaling pathway.
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/human-blocking-peptide/sh3gl3/3244159