GAS8 Peptide - N-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	GAS8, Blocking Peptide
Full Product Name	GAS8 Peptide - N-terminal region
Product Gene Name	GAS8 blocking peptide
Product Synonym Gene Name	GAS11; MGC138326
Sequence	VSRIREELDR EREERNYFQL ERDKIHTFWE ITRRQLEEKK AELRNKDREM
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	GAS8 peptide (MBS3233788) is used for blocking the activity of GAS8 antibody (MBS3208823)
Molecular Weight	56kDa
OMIM	605178
Product Categories/Family for GAS8 blocking peptide	Peptide
Applications Tested/Suitable for GAS8 blocking peptide	Western Blot (WB)
Related Product Information for GAS8 blocking peptide	This is a synthetic peptide designed for use in combination with anti-GAS8 Antibody, made Target Description: This gene includes 11 exons spanning 25 kb and maps to a region of chromosome 16 that is sometimes deleted in breast and prostrate cancer. The second intron contains an apparently intronless gene, C16orf3, that is transcribed in the opposite orientation. This gene is a putative tumor suppressor gene.
Other Notes	Small volumes of GAS8 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 GAS8 purchase	MBS3233788 is a blocking peptide targeting GAS8. Also known as GAS8 Peptide - N-terminal region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GAS8. It may not necessarily be applicable to this product.

NCBI GI #	4503917
NCBI GeneID	2622
NCBI Accession #	NP_001472
UniProt Primary Accession #	O95995
UniProt Related Accession #	O95995
GenBank Nucleotide #	NM_001481
NCBI Official Full Name	dynein regulatory complex subunit 4 isoform a

NCBI Official Synonym Full Names	growth arrest specific 8
NCBI Official Symbol	GAS8
NCBI Official Synonym Symbols	DRC4; GAS11; CILD33
UniProt Protein Name	Growth arrest-specific protein 8
UniProt Synonym Protein Names	Growth arrest-specific protein 11
Protein Family	Growth arrest-specific protein
UniProt Gene Name	GAS8
UniProt Synonym Gene Names	GAS11; GAS-8; GAS-11
UniProt Entry Name	GAS8_HUMAN
NCBI Protein Information	dynein regulatory complex subunit 4; growth arrest-specific protein 8
NCBI Summary for GAS8	This gene includes 11 exons spanning 25 kb and maps to a region of chromosome 16 that is sometimes deleted in breast and prostrate cancer. The second intron contains an apparently intronless gene, C16orf3, that is transcribed in the opposite orientation. This gene is a putative tumor suppressor gene. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2013]
Research Articles on GAS8	**1.** In papillary thyroid carcinoma (PTC) cell lines, GAS8-AS1 inhibited proliferation, activated autophagy, and increased ATG5 expression. Downregulation of ATG5 reversed GAS8-AS1-mediated activation of autophagy leading to cell death, revealing a novel mechanism of the GAS8-AS1-ATG5 axis in PTC cell lines.
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