GAS8 Blocking Peptide – The purity is >90%,tested by HPLC and MS. Purity

PRODUCT OVERVIEW

Product Name	GAS8, Blocking Peptide
Full Product Name	GAS8 Blocking Peptide
Product Gene Name	GAS8 blocking peptide
Product Synonym Names	Growth arrest specific protein 8; MGC138326; GAS 11; GAS 8; GAS-11; GAS-8; GAS11; Gas8; GAS8_HUMAN; Growth arrest specific 11; Growth arrest specific 8; Growth arrest specific protein 11; Growth arrest-specific protein 11; Growth arrest-specific protein 8
Form/Format	Synthetic peptide was lyophilized with 100% acetonitrile and is supplied as a powder. Reconstitute with 0.1 ml DI water for a final concentration of 10 mg/ml.
Purity/Purification	The purity is >90%,tested by HPLC and MS.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.
Antibody/Peptide Pairs	GAS8 peptide (MBS9628566) is used for blocking the activity of GAS8 antibody (MBS9609862)
Molecular Weight	56,356 Da
OMIM	605178
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
Notes	For phospho antibody, we provide phospho peptide (0.5mg) and non-phospho peptide (0.5mg)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for GAS8 blocking peptide	Blocking/Control
Related Product Information for GAS8 blocking peptide	Blocking peptides are peptides that bind specifically to the target antibody and block antibody binding. These peptide usually contains the epitope recognized by the antibody. Antibodies bound to the blocking peptide no longer bind to the epitope on the target protein. This mechanism is useful when non-specific binding is an issue, for example, in Western blotting (immunoblot) and immunohistochemistry (IHC). By comparing the staining from the blocked antibody versus the antibody alone, one can see which staining is specific; Specific binding will be absent from the western blot or immunostaining performed with the neutralized antibody.
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	MBS9628566 is a blocking peptide targeting GAS8.

ADDITIONAL DETAILS

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

NCBI GI #	555290160
NCBI GeneID	2622
NCBI Accession #	NP_001273134.1
UniProt Primary Accession #	O95995
UniProt Secondary Accession #	Q2M234; B2RCT1; B7Z4U1; G3V1L5

UniProt Related Accession #	O95995
GenBank Nucleotide #	NM_001286205.1
NCBI Official Full Name	growth arrest-specific protein 8 isoform b
NCBI Official Synonym Full Names	growth arrest-specific 8
NCBI Official Symbol	GAS8
NCBI Official Synonym Symbols	GAS11
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	growth arrest-specific protein 8; GAS-8; GAS-11; growth arrest specific 11; growth arrest-specific 11; growth arrest-specific protein 11
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.
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Online datasheet: https://www.mybiosource.com/blocking-peptide/gas8/9628566