NSG2 Blocking Peptide – >85% Purity

PRODUCT OVERVIEW

Product Name	NSG2, Blocking Peptide
Full Product Name	NSG2 Blocking Peptide
Product Gene Name	NSG2 blocking peptide
Product Synonym Names	Neuron-specific protein family member 2; Protein p19; Hmp19
Host	Synthetic
Species Reactivity	Human, Bovine, Monkey
Form/Format	Lyophilized powder
Purity/Purification	>85%
Preparation and Storage	Shipped at 4 degree C. Store at -20 degree C for one year.
Antibody/Peptide Pairs	NSG2 peptide (MBS8204754) is used for blocking the activity of NSG2 antibody (MBS8234351)
Molecular Weight	19,085 Da
Quality Control	The quality of the peptide was evaluated by reversed-phase HPLC and by mass spectrometry.
Directions for Use	Blocking Peptide to the diluted primary antibody in a molar ratio of 10:1 (peptide to antibody) and incubate the mixture at 4 degree C for overnight or at room temperature for 2 hours.
Applications Tested/Suitable for NSG2 blocking peptide	Blocking (BL)
Related Product Information for NSG2 blocking peptide	MBS8204754 is a blocking peptide targeting NSG2. Reactive in Human, Bovine, Monkey. Host: Synthetic. The peptide is used to block Anti-NSG2 Antibody reactivity.
Other Notes	Small volumes of NSG2 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 NSG2. It may not necessarily be applicable to this product.

NCBI GI #	7706284
NCBI GeneID	51617
NCBI Accession #	NP_057064.1
UniProt Primary Accession #	Q9Y328
UniProt Secondary Accession #	Q9UHX8; B2R5Y0; D3DQN0
UniProt Related Accession #	Q9Y328
GenBank Nucleotide #	NM_015980.4
NCBI Official Full Name	neuron-specific protein family member 2
NCBI Official Symbol	HMP19
UniProt Protein Name	Neuron-specific protein family member 2

UniProt Synonym Protein Names	Protein p19; Hmp19
Protein Family	Neuron-specific protein family
UniProt Gene Name	NSG2
UniProt Synonym Gene Names	Hmp19
UniProt Entry Name	NSG2_HUMAN
NCBI Protein Information	neuron-specific protein family member 2
UniProt Comments for NSG2	NSG2: Belongs to the NSG family. Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 5q35.2 Cellular Component: cytoplasmic vesicle membrane; integral to membrane Molecular Function: clathrin light chain binding Biological Process: clathrin cage assembly; dopamine receptor 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.
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