PGBD2 Immunizing Blocking Peptide

PRODUCT OVERVIEW

Product Name	PGBD2, Blocking Peptide
Full Product Name	PGBD2 Immunizing Peptide
Product Gene Name	PGBD2 blocking peptide
Product Synonym Names	PGBD2; piggyBac transposable element derived 2; hypothetical protein LOC267002
Sequence	C-ESNADTTS QGRRSRR
Species Reactivity	Human
Form/Format	100ug of dried peptide
Preparation and Storage	Shipped at ambient temperature, store at -20 degree C
Antibody/Peptide Pairs	PGBD2 peptide (MBS425882) is used for blocking the activity of PGBD2 antibody (MBS420236)
Molecular Weight	39,563 Da
ISO Certification	Manufactured in an ISO 9001:2008 Certified Laboratory.
Related Product Information for PGBD2 blocking peptide	MBS425882 is a blocking peptide targeting PGBD2. Also known as PGBD2 Immunizing Peptide. Reactive in Human.
Other Notes	Small volumes of PGBD2 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 PGBD2. It may not necessarily be applicable to this product.

NCBI GI #	62953123
NCBI GeneID	267002
NCBI Accession #	NP_001017434.1
NCBI Related Accession #	NP_733843.1
UniProt Secondary Accession #	Q6MZF8; B3KVR8
UniProt Related Accession #	Q6P3X8
GenBank Nucleotide #	NM_001017434.1
NCBI Official Full Name	piggyBac transposable element-derived protein 2 isoform b
NCBI Official Synonym Full Names	piggyBac transposable element derived 2
NCBI Official Symbol	PGBD2
UniProt Protein Name	PiggyBac transposable element-derived protein 2
Protein Family	PiggyBac transposable element-derived protein
UniProt Gene Name	PGBD2
UniProt Entry Name	PGBD2_HUMAN

NCBI Protein Information	piggyBac transposable element-derived protein 2
NCBI Summary for PGBD2	The piggyBac family of proteins, found in diverse animals, are transposases related to the transposase of the canonical piggyBac transposon from the moth, Trichoplusia ni. This family also includes genes in several genomes, including human, that appear to have been derived from the piggyBac transposons. This gene belongs to the subfamily of piggyBac transposable element derived (PGBD) genes. The PGBD proteins appear to be novel, with no obvious relationship to other transposases, or other known protein families. The exact function of this gene is not known. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
UniProt Comments for PGBD2	PGBD2: 2 isoforms of the human protein are produced by alternative splicing. Chromosomal Location of Human Ortholog: 1q44
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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