CT47 Blocking Peptide – >85% Purity

PRODUCT OVERVIEW

Product Name	CT47 (CT47A1), Blocking Peptide
Full Product Name	CT47 Blocking Peptide
Product Gene Name	CT47A1 blocking peptide
Product Synonym Gene Name	CT47A2; CT47A3; CT47A4; CT47A5; CT47A6; CT47A7; CT47A8; CT47A9; CT47A10; CT47A11; CT47A12
Product Synonym Names	CT47.1; CT47.2; CT47.3; CT47.4; CT47.5; CT47.6; CT47.7; CT47.8; CT47.9; CT47.10; CT47.11; CT47.12; Cancer/testis antigen 47A; Cancer/testis antigen 47; CT47
Host	Synthetic
Species Reactivity	Human, Mouse, Rat, 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	CT47 peptide (MBS822889) is used for blocking the activity of CT47 antibody (MBS820827)
Molecular Weight	30,100 Da
OMIM	gene 300789
Quality Control	The quality of the peptide was evaluated by reversed-phase HPLC and by mass spectrometry.
Applications Tested/Suitable for CT47A1 blocking peptide	Blocking (BL)
Application Notes for CT47A1 blocking peptide	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.
Related Product Information for CT47A1 blocking peptide	MBS822889 is a blocking peptide targeting CT47A1. Also known as CT47 Blocking Peptide. Reactive in Human, Mouse, Rat, Monkey. Host: Synthetic. The peptide is used to block Anti-CT47 Antibody reactivity.
Other Notes	Small volumes of CT47A1 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 CT47A1. It may not necessarily be applicable to this product.

NCBI GI #	121949786
NCBI GeneID	728036
NCBI Accession #	NP_001073606.1
UniProt Primary Accession #	Q5JQC4
UniProt Secondary Accession #	Q8N747
UniProt Related Accession #	Q5JQC4
GenBank Nucleotide #	NM_001080137.1

NCBI Official Full Name	cancer/testis antigen 47A
NCBI Official Synonym Full Names	cancer/testis antigen family 47, member A10
NCBI Official Symbol	CT47A10
NCBI Official Synonym Symbols	CT47; CT47.10
UniProt Protein Name	Cancer/testis antigen 47A
UniProt Synonym Protein Names	Cancer/testis antigen 47; CT47
Protein Family	Cancer/testis antigen
UniProt Gene Name	CT47A1
UniProt Synonym Gene Names	CT47.1; CT47
UniProt Entry Name	CT47A_HUMAN
NCBI Protein Information	cancer/testis antigen 47A; cancer/testis CT47 family, member 10
UniProt Comments for CT47A1	CT47A: Protein type: Cancer Testis Antigen (CTA) Chromosomal Location of Human Ortholog: Xq24
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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