UFSP1 Peptide - C-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	UFSP1, Blocking Peptide
Full Product Name	UFSP1 Peptide - C-terminal region
Product Gene Name	UFSP1 blocking peptide
Product Synonym Gene Name	UFSP
Sequence	Synthetic peptide located within the following region: DPHYWGTPKS PSELQAAGWV GWQEVSAAFD PNSFYNLCLT SLSSQQQQRT
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	UFSP1 peptide (MBS3236620) is used for blocking the activity of UFSP1 antibody (MBS3211672)
Molecular Weight	15kDa
OMIM	611481
Product Categories/Family for UFSP1 blocking peptide	Peptide
Applications Tested/Suitable for UFSP1 blocking peptide	Western Blot (WB)
Related Product Information for UFSP1 blocking peptide	This is a synthetic peptide designed for use in combination with anti-UFSP1 Antibody, made Target Description: This gene encodes a protein that is similar to other Ufm1-specific proteases. Studies in mouse determined that Ufsp1 releases Ufm1 (ubiquitin-fold modifier 1) from its bound conjugated complexes which also makes it into an active form. Because the human UFSP1 protein is shorter on the N-terminus and lacks a conserved Cys active site, it is predicted to be non-functional.
Other Notes	Small volumes of UFSP1 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 UFSP1 purchase	MBS3236620 is a blocking peptide targeting UFSP1. Also known as UFSP1 Peptide - C-terminal region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for UFSP1. It may not necessarily be applicable to this product.

NCBI GI #	146231966
NCBI GeneID	402682
NCBI Accession #	NP_001015072
UniProt Primary Accession #	Q6NVU6
UniProt Related Accession #	Q6NVU6
GenBank Nucleotide #	NM_001015072

NCBI Official Full Name	inactive Ufm1-specific protease 1
NCBI Official Synonym Full Names	UFM1 specific peptidase 1 (inactive)
NCBI Official Symbol	UFSP1
NCBI Official Synonym Symbols	UFSP
UniProt Protein Name	Inactive Ufm1-specific protease 1
Protein Family	Inactive Ufm1-specific protease
UniProt Gene Name	UFSP1
UniProt Synonym Gene Names	UfSP1
UniProt Entry Name	UFSP1_HUMAN
NCBI Protein Information	inactive Ufm1-specific protease 1
NCBI Summary for UFSP1	This gene encodes a protein that is similar to other Ufm1-specific proteases. Studies in mouse determined that Ufsp1 releases Ufm1 (ubiquitin-fold modifier 1) from its bound conjugated complexes which also makes it into an active form. Because the human UFSP1 protein is shorter on the N-terminus and lacks a conserved Cys active site, it is predicted to be non-functional.[provided by RefSeq, Nov 2009]
UniProt Comments for UFSP1	UFSP1: a protein that is similar to other Ufm1-specific proteases. Studies in mouse determined that Ufsp1 releases Ufm1 (ubiquitin-fold modifier 1) from its bound conjugated complexes which also makes it into an active form. Because the human UFSP1 protein is shorter on the N-terminus and lacks a conserved Cys active site, it is predicted to be non-functional.[provided by RefSeq, Nov 2009] Protein type: EC 3.4.22.- Chromosomal Location of Human Ortholog: 7q22.1 Molecular Function: thiolester hydrolase activity Biological Process: proteolysis
Research Articles on UFSP1	**1.** Observational study, meta-analysis, and genome-wide association study of gene-disease association. (HuGE Navigator)
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