SC4MOL Peptide - N-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	MSMO1, Blocking Peptide
Full Product Name	SC4MOL Peptide - N-terminal region
Product Gene Name	MSMO1 blocking peptide
Product Synonym Gene Name	DESP4; ERG25; SC4MOL
Sequence	Synthetic peptide located within the following region: SVSIFSSASL AVEYVDSLLP ENPLQEPFKN AWNYMLNNYT KFQIATWGSL
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	MSMO1 peptide (MBS3246942) is used for blocking the activity of MSMO1 antibody (MBS3222269)
Molecular Weight	32 kDa
OMIM	607545
Product Categories/Family for MSMO1 blocking peptide	Peptide
Related Product Information for MSMO1 blocking peptide	Sterol-C4-mehtyl oxidase-like protein was isolated based on its similarity to the yeast ERG25 protein. It contains a set of putative metal binding motifs with similarity to that seen in a family of membrane desaturases-hydroxylases. The protein is localized to the endoplasmic reticulum membrane and is believed to function in cholesterol biosynthesis. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
Other Notes	Small volumes of MSMO1 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 MSMO1 purchase	MBS3246942 is a blocking peptide targeting MSMO1. Also known as SC4MOL Peptide - N-terminal region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MSMO1. It may not necessarily be applicable to this product.

NCBI GI #	62865628
NCBI GeneID	6307
NCBI Accession #	NP_001017369.1
UniProt Primary Accession #	Q15800
UniProt Related Accession #	Q15800
GenBank Nucleotide #	NM_001017369.2
NCBI Official Full Name	methylsterol monooxygenase 1 isoform 2
NCBI Official Synonym Full Names	methylsterol monooxygenase 1
NCBI Official Symbol	MSMO1

NCBI Official Synonym Symbols	DESP4; ERG25; MCCPD; SC4MOL
UniProt Protein Name	Methylsterol monooxygenase 1
UniProt Synonym Protein Names	C-4 methylsterol oxidase
Protein Family	Methylsterol monooxygenase
UniProt Gene Name	MSMO1
UniProt Synonym Gene Names	DESP4; ERG25; SC4MOL
UniProt Entry Name	MSMO1_HUMAN
NCBI Protein Information	methylsterol monooxygenase 1
Research Articles on MSMO1	**1.** SC4MOL is situated within the psoriasis susceptibility locus PSORS9, and may be a genetic risk factor for common skin conditions. [review]
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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