Retinoid-Inducible Serine Carboxypeptidase (SCPEP1) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	Retinoid-inducible serine carboxypeptidase (Scpep1), Recombinant Protein
Full Product Name	Recombinant Rat Retinoid-inducible serine carboxypeptidase (Scpep1)
Product Gene Name	Scpep1 recombinant protein
Product Synonym Gene Name	Scpep1
Sequence	LNWREQEGKE VWDYVTVRED ARMFWWLYYA TNPCKNFSEL PLVMWLQGGP GGSSTGFGNF EEIGPLDTRL KPRNTTWLQW ASLLFVDNPV GTGFSYVNTT DAYAKDLDTV ASDMMVLLKS FFDCHKEFQT VPFYIFSESY GGKMAAGISL ELHKAIQQGT IKCNFSGVAL GDSWISPVDS VLSWGPYLYS VSLLDNKGLA EVSDIAEQVL NAVNKGFYKE ATQLWGKAEM IIEKNTDGVN FYNILTKSTP DTSMESSLEF FRSPLVRLCQ RHVRHLQGDA LSQLMNGPIK KKLKIIPDDV SWGAQSSSVF ISMEEDFMKP VIDIVDTLLE LGVNVTVYNG QLDLIVDTIG QESWVQKLKW PQLSRFNQLK WKALYTNPKS SETSAFVKSY ENLAFYWILK AGHMVPADQG DMALKMMRLV TQQE
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	51,175 Da
Sequence Positions	29-452, full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q920A6
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Scpep1 recombinant protein	MBS1340216 is a recombinant protein targeting Scpep1. Also known as Recombinant Rat Retinoid-inducible serine carboxypeptidase (Scpep1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Scpep1 recombinant protein 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 Scpep1. It may not necessarily be applicable to this product.

NCBI GI #	19173736
NCBI GeneID	114861
NCBI Accession #	NP_596874.1
UniProt Primary Accession #	Q920A6

UniProt Related Accession #	Q920A6
GenBank Nucleotide #	NM_133383.1
NCBI Official Full Name	retinoid-inducible serine carboxypeptidase
NCBI Official Synonym Full Names	serine carboxypeptidase 1
NCBI Official Symbol	Scpep1
NCBI Official Synonym Symbols	Risc
UniProt Protein Name	Retinoid-inducible serine carboxypeptidase
UniProt Synonym Protein Names	Serine carboxypeptidase 1
Protein Family	Retinoid-inducible serine carboxypeptidase
UniProt Gene Name	Scpep1
UniProt Synonym Gene Names	Risc
NCBI Protein Information	retinoid-inducible serine carboxypeptidase
NCBI Summary for Scpep1	may act as a serine carboxypeptidase [RGD, Feb 2006]
UniProt Comments for Scpep1	May be involved in vascular wall and kidney homeostasis.
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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