Deubiquitinating Protein VCIP135 (VCPIP1) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	Deubiquitinating protein VCIP135 (Vcpip1), Recombinant Protein
Full Product Name	Recombinant Rat Deubiquitinating protein VCIP135 (Vcpip1) , partial
Product Gene Name	Vcpip1 recombinant protein
Product Synonym Gene Name	Vcpip1
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	134,566 Da
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 Q8CF97
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Vcpip1 recombinant protein	MBS1331628 is a recombinant protein targeting Vcpip1. Also known as Recombinant Rat Deubiquitinating protein VCIP135 (Vcpip1) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Vcpip1 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 Vcpip1. It may not necessarily be applicable to this product.

NCBI GI #	148747111
NCBI GeneID	286761
NCBI Accession #	NP_789827.3
UniProt Primary Accession #	Q8CF97
UniProt Secondary Accession #	Q7TNK5
UniProt Related Accession #	Q8CF97
GenBank Nucleotide #	NM_176857.3
NCBI Official Full Name	deubiquitinating protein VCIP135
NCBI Official Synonym Full Names	valosin containing protein interacting protein 1

NCBI Official Symbol	Vcpip1
NCBI Official Synonym Symbols	Vcip135
UniProt Protein Name	Deubiquitinating protein VCIP135
UniProt Synonym Protein Names	Valosin-containing protein p97/p47 complex-interacting protein 1; Valosin-containing protein p97/p47 complex-interacting protein p135
Protein Family	Deubiquitinating protein
UniProt Gene Name	Vcpip1
UniProt Synonym Gene Names	Vcip135
NCBI Protein Information	deubiquitinating protein VCIP135
NCBI Summary for Vcpip1	involved in golgi apparatus disassembly and reassembly during mitosis and in ER network formation [RGD, Feb 2006]
UniProt Comments for Vcpip1	Acts as a deubiquitinating enzyme. Necessary for VCP-mediated reassembly of Golgi stacks after mitosis. May play a role in VCP-mediated formation of transitional endoplasmic reticulum (tER). Mediates dissociation of the ternary complex containing STX5A, NSFL1C and VCP. Hydrolyzes 'Lys-11'- and 'Lys-48'-linked polyubiquitin chains.
Research Articles on Vcpip1	**1.** WAC is hence thought to function in p97/p47-mediated Golgi membrane fusion by activating the deubiquitinating function of VCIP135.
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