Ap-1 Complex Subunit Gamma-1 (APL4) Ustilago Maydis Recombinant Protein

PRODUCT OVERVIEW

Product Name	AP-1 complex subunit gamma-1 (APL4), Recombinant Protein
Full Product Name	Recombinant Ustilago maydis AP-1 complex subunit gamma-1 (APL4), partial
Product Gene Name	APL4 recombinant protein
Product Synonym Gene Name	APL4
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	95,075 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 Q99128
Species	Ustilago maydis (strain 521 / FGSC 9021) (Smut fungus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for APL4 recombinant protein	MBS1417124 is a recombinant protein targeting APL4. Also known as Recombinant Ustilago maydis AP-1 complex subunit gamma-1 (APL4), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of APL4 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 APL4. It may not necessarily be applicable to this product.

NCBI GI #	758972814
NCBI GeneID	23561899
NCBI Accession #	XP_011386466.1
UniProt Primary Accession #	Q99128
UniProt Secondary Accession #	Q4PGV3; A0A0D1CH08
UniProt Related Accession #	Q99128
GenBank Nucleotide #	XM_011388164.1
NCBI Official Full Name	adaptor HA1/AP1 adaptin subunit gamma
NCBI Official Symbol	UMAG_00660

UniProt Protein Name	AP-1 complex subunit gamma-1
UniProt Synonym Protein Names	Clathrin assembly protein complex 1 gamma large chain; Clathrin assembly protein large gamma chain; Gamma-adaptin; Gamma-ADA
UniProt Gene Name	APL4
UniProt Synonym Gene Names	Gamma-ADA
NCBI Protein Information	adaptor HA1/AP1 adaptin subunit gamma
UniProt Comments for APL4	Adaptins are components of the adaptor complexes which link clathrin to receptors in coated vesicles. Clathrin-associated protein complexes are believed to interact with the cytoplasmic tails of membrane proteins, leading to their selection and concentration. The AP-1 complex interacts directly with clathrin (). Required for apical growth extension.
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