

AP-2 complex subunit sigma (AP-17), Recombinant Protein

Cat RP10568

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1

mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

Species

Zea mays (Maize)
Cell

Full Product Name

Recombinant Zea mays AP-2 complex subunit sigma (AP-17)

Product Gene Name

AP-17 recombinant protein

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence

MIRFILLQNR QGKTRLAKYY VPLEDSEKHK VEYEVHRLVV NRDPKFTNFV EFRTHKVIYR RYAGLFFSIC
VDITDNELAY LECIHLFVEI LDHFFSNVCE LDLVFNHFKV YRYLILDEFI LAGELQETSK RQ

Sequence Positions

1-132, Full length protein

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

16,015 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

NCBI Accession

O50016.1

NCBI GI

47115580

NCBI GeneID

100281988

NCBI Official Full Name

AP-2 complex subunit sigma

NCBI Official Symbol

ap17

NCBI Official Synonym Symbols

AP-17

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI Protein Information

AP-2 complex subunit sigma

UniProt Gene Name

AP-17

UniProt Protein Name

AP-2 complex subunit sigma

UniProt Synonym Protein Names

Clathrin assembly protein 2 sigma small chain; Clathrin coat assembly protein AP17; Clathrin coat-associated protein AP17; Plasma membrane adaptor AP-2 17 kDa protein; Sigma2-adaptin

UniProt Primary Accession

O50016

UniProt Related Accession

O50016

UniProt Comments

Component 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. AP2S1/AP17 is a subunit of the plasma membrane adaptor. The complex binds polyphosphoinositides.

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