

Protein OSB4, chloroplastic (OSB4), Recombinant Protein

Cat RP01798

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

mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
Species Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana Protein OSB4, chloroplastic (OSB4)

Product Gene Name

OSB4 recombinant protein

Product Synonym Gene Name

OSB4

Purity

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

Sequence

PMEVPYQPKI ANSIDLIGYV HQPVQFDSTL DGKFWAGTVI SHEPSSDSKS ESDSSSNFWI PVLFEGLAH
TANSYLKKND RVHITGQILG DVIQSGANSQ QAHVQLFKSF HGSFSHQVMV RDLHYIEGSK AMPKVLPTLD
QNEGVCLKHSA SVQRGREFGT NLWFDLVDPK NEWCDYREMK QNGSVNPKHP DFKKKDGSQA LWLNNAPTEI
LSELKDVKFD IPKYAKQPKA GEESWKDLVD NMNKWWDNRV DKRTPKSPDF KHKETGVGLW LSDSPSWVLE
KLPPPKSKTS DIYGVQEMF

Sequence Positions

62-360, 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

40,627 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.

Protein Family

Protein

NCBI Accession

NP_564370.1

NCBI GI

18397761

NCBI GenBank Nucleotide

NM_102839.5

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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

NCBI GeneID

839987

NCBI Official Full Name

organellar single-stranded DNA binding protein 4

NCBI Official Symbol

OSB4

NCBI Official Synonym Symbols

F17F8.7; organellar single-stranded DNA binding protein 4

NCBI Protein Information

organellar single-stranded DNA binding protein 4

UniProt Gene Name

OSB4

UniProt Protein Name

Protein OSB4, chloroplastic

UniProt Synonym Protein Names

Organellar single-stranded DNA-binding protein 4

UniProt Primary Accession

Q9FYJ2

UniProt Secondary Accession

Q8LCI8

UniProt Related Accession

Q9FYJ2

UniProt Comments

Binds single-stranded DNA.

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