Ocs element-binding factor 1 (OBF1), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP10404*

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)

Full Product Name
Recombinant Zea mays Ocs element-binding factor 1 (OBF1)

Product Gene Name
OBF1 recombinant protein

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

Sequence
MSSSSLSPTA GRTSGSDGDS AADTHRREKR RLSNRESARR SRLRKQQHLD ELVQEVARLQ ADNARVAARA RDIASQYTRV EQENTVLRAR AAELGDRLRS VNEVLRLVEE FSGVAMDIQE EMPADDPLLR PWQLPYPAAA MPMGAPHMLH Y

Sequence Positions
1-151, 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
16,976 Da

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

Protein Family
Ocs element-binding factor

NCBI Accession
NP_001105439.1

NCBI GI
162458546

NCBI GenBank Nucleotide
NM_001111969.1

NCBI GeneID
542394

NCBI Official Full Name
ocs element-binding factor 1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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https://www.cd-biosciences.com/plant-protein/

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NCBI Official Symbol
obf1

NCBI Official Synonym Symbols
GRMZM2G479885

NCBI Protein Information
ocs element-binding factor 1

UniProt Gene Name
OBF1

UniProt Synonym Gene Names
OCSBF-1

UniProt Protein Name
Ocs element-binding factor 1

UniProt Primary Accession
P24068

UniProt Related Accession
P24068

UniProt Comments
May contribute to developmentally specific patterns of gene expression. Binds specifically to ocs elements which are transcriptional enhancer found in the promoters of several plant genes. OCSBF-1 is able to bind to a site within each half of the ocs element as well as to animal AP-1 and CREB sites.

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