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Datasheet for ABIN1660219

**Oxygen-Evolving Enhancer Protein 2, Chloroplastic (PSBP) (AA 75-260) protein (His tag)**

## Overview

Quantity:	1 mg
Target:	Oxygen-Evolving Enhancer Protein 2, Chloroplastic (PSBP)
Protein Characteristics:	AA 75-260
Origin:	Sinapis arvensis (Charlock mustard) (Brassica kaber)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	ELISA

## Product Details

Sequence:	AYGEAA NVFGKPKKNT DFTAYSGDGF QVQVPAKWNP SREVEYPGQV LRYEDNFDAT SNLNVMTPT DKKSITDYGS PEEFLSQVNY LLGKQAYFGE TASEGGFDNN AVATANILET NIQDVGGKPY YYLSVLTRTA DGDEGGKHQL ITATVNGGKL YICKAQAGDK RWFKGANKFV EKAATSFSVA
Specificity:	Sinapis alba (White mustard) (Brassica hirta)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

## Target Details

Target:	Oxygen-Evolving Enhancer Protein 2, Chloroplastic (PSBP)
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## Target Details

Abstract: [PSBP Products](#)

Background: Recommended name: Oxygen-evolving enhancer protein 2, chloroplastic.  
Short name= OEE2.  
Alternative name(s): 23 kDa subunit of oxygen evolving system of photosystem II 23 kDa thylakoid membrane protein O.  
EC 23 kDa subunit

UniProt: [P11594](#)

## Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.