



[Go to Product page](#)

Datasheet for ABIN1668951  
**comB Protein (AA 1-227) (His tag)**

### Overview

Quantity:	1 mg
Target:	comB (COMB)
Protein Characteristics:	AA 1-227
Origin:	Thermotoga petrophila
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This comB protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MVDVVMAPCS PVECRTAVVI DVL RATSTIV TALSNGASGV IPVKTIIEAL KKRKEGV LIC GERNAQKPKG FDLGNSPLEY RKEKISGKTI VLTTTNGTQV IERIRSEEII AASFLNLSAV VEYLKSKEDI LLVCAGTNGR FSLED FLLAG AVVKRLKRND LGDGARAAER YFESVENTRE EIKKHSSHAK RLISLGF EKD VEFCTTEDLF KTVPTLVNGV FILKEFP
Specificity:	Thermotoga petrophila (strain RKU-1 / ATCC BAA-488 / DSM 13995)
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:	comB (COMB)
---------	-------------

## Target Details

---

Alternative Name: Probable 2-phosphosulfolactate phosphatase (comB) ([COMB Products](#))

---

Background: Recommended name: Probable 2-phosphosulfolactate phosphatase.  
EC= 3.1.3.71

---

UniProt: [A5IY7](#)

---

## 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.

---