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## Datasheet for ABIN1618348 SETD8 Protein (AA 1-336) (His tag)

### Overview

Quantity:	1 mg
Target:	SETD8
Protein Characteristics:	AA 1-336
Origin:	Xenopus tropicalis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SETD8 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MGRGKKMSKP GDGRSGDVPD TGRTGGTNEN HPKINGEVAH LGQPKIYSFM SPTKSPSARP PLQEENSAH HESKCPGKPL TETRKA EVE KKRISSGTEL SVKPSEQRET ECNSIGFLD PKQEQT DVRR NIALPPADKL NHQKMVKDKP LRRKAQRKKS PNRKLT DYYP VRRSCRKSKT ELESEEKKRI DELIQTGKEE GMKMDMITGK GRGVIATRDF QRGEFVVEYH GDLEITDAK RREATYAQDS NTGCYMYFQ YLNKTYCIDA TRETGRLGRL INHSKSGNCH TKLHNINNV HLILVASRDI NVGEELLYDY GDRRKSSLEA HPWLKN
Specificity:	Xenopus tropicalis (Western clawed frog) (Silurana tropicalis)
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:	SETD8
Alternative Name:	N-lysine methyltransferase SETD8 (setd8) ( <a href="#">SETD8 Products</a> )
Background:	Recommended name: N-lysine methyltransferase SETD8. EC= 2.1.1.-. Alternative name(s): Histone-lysine N-methyltransferase SETD8. EC= 2.1.1.43 SET domain-containing protein 8
UniProt:	<a href="#">Q0V9E9</a>

## 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.