Datasheet for ABIN7587310

TRIT1 Protein (AA 1-428) (His tag)

Go to Product page

Overview

Quantity:	100 µg
Target:	TRIT1
Protein Characteristics:	AA 1-428
Origin:	Saccharomyces cerevisiae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRIT1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MLKGPLKGCL NMSKKVIVIA GTTGVGKSQL SIQLAQKFNG EVINSDSMQV YKDIPIITNK HPLQEREGIP HHVMNHVDWS EEYYSHRFET ECMNAIEDIH RRGKIPIVVG GTHYYLQTLF NKRVDTKSSE RKLTRKQLDI LESTDPDVIY NTLVKCDPDI ATKYHPNDYR RVQRMLEIYY KTGKKPSETF NEQKITLKFD TLFLWLYSKP EPLFQRLDDR VDDMLERGAL QEIKQLYEYY SQNKFTPEQC ENGVWQVIGF KEFLPWLTGK TDDNTVKLED CIERMKTRTR QYAKRQVKWI KKMLIPDIKG DIYLLDATDL SQWDTNASQR AIAISNDFIS NRPIKQERAP KALEELLSKG ETTMKKLDDW THYTCNVCRN ADGKNVVAIG EKYWKIHLGS RRHKSNLKRN TRQADFEKWK INKKETVE
Specificity:	Saccharomyces cerevisiae (strain ATCC 204508 / S288c) (Bakers yeast)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

Target:	TRIT1
Alternative Name:	tRNA dimethylallyltransferase, mitochondrial (MOD5) (TRIT1 Products)
Background:	Recommended name: tRNA dimethylallyltransferase, mitochondrial. EC= 2.5.1.75. Alternative name(s): Isopentenyl-diphosphate: tRNA isopentenyltransferase. Short name= IPP transferase. Short name= IPPT tRNA isopentenyltransferase. Short name= IPTase
UniProt:	P07884

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 modificated 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

Handling

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