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Datasheet for ABIN1627089
PUS3 Protein (AA 2-481) (His tag)

Overview

Quantity:	1 mg
Target:	PUS3
Protein Characteristics:	AA 2-481
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PUS3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	AENDVDRIQ TEKLLKRVQE LEQEVKRLKK EQANNKDSNI RENSSGAGGK PKRAFDFAH GQRHVALKIA YLGWGYQGFA SQENTSNTIE EKLFEALTKT RLVENRQTSN YHRCGRDTKG VSAFGQVISL DLRSHIPKGR DSEHFNLKNE VNDVATEIRY THILNRVLPP DIRVLAWAPV ETSFSARFSC LERTYRYFFP RANLDIVTMN YAAQKYVGTH DFRNLCKMDV ANGVINFQRT ILSAQVQRVG QNLGEEGWQE PFQLCQFEVT GQAFLYHQVR CMMAVLFLIG QGMEKPEVID ELLNIEKNPQ KPQYSMAVEF PLVLYDCKFE NIKWIYDREV QEFNVTHLQQ LWANHAVKTQ MLYSMLQGLD SVALPCGTGP KMDGMIEWRN VKPSVTKQTS AFVEGVKMRT YKPLMDRPHK QGLESRIQHF VRRGRIEHPH LFHEETKAK RDCSDTLEEE NTVFEKPMKR ICVDTELKSI I
Specificity:	Bos taurus (Bovine)
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.

Product Details

Purity: > 90 %

Target Details

Target: PUS3

Alternative Name: tRNA pseudouridine (38/39) synthase (PUS3) ([PUS3 Products](#))

Background: Recommended name: tRNA pseudouridine(38/39) synthase.
EC= 5.4.99.45.
Alternative name(s): tRNA pseudouridine synthase 3 tRNA pseudouridylate synthase 3 tRNA-uridine isomerase 3

UniProt: [Q3SX07](#)

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

Handling

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