Datasheet for ABIN1655023

Bystin-Like Protein (BYSL) (AA 1-430) (His tag)

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Overview

Quantity:	1 mg
Target:	Bystin-Like (BYSL)
Protein Characteristics:	AA 1-430
Origin:	Nematostella vectensis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Bystin-Like protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MGKDKKDRKH KGGLTEDILE KNVTKPSKRV KHRRERQADS VESFVEEKLS KKILEQARQQ QDELMEEYGF RKTGDRKTLK SAQTTLGTPD LDRIDDDDED DSDDGASMTS ETYYENVEVD EEEEKAFEMF MSQEAPTRRT LADVIMEKIQ DKKTEIESHM SEQSTAPQMD ERLVKVFKGV GEILKKYRSG KLPKAFKFIP SLTNWEEVLF ITEPDEWSAA ALFQATKIFV SNLNAKMAQR FFNLVLLPRI QDDIAEYKRL NYHLYMALKK ALFKPAAFFK GILLPMCESG NCSLREAIII SSVLAKTTIP VLHSSAVILK IAEMNYSGAN SIFLRTLFDK KYALPYRVID AAVYHFLRFL TDKRTLPVLW HQCLLTFVQR YKEDISSEQK EALMELCRVH VHDKITPEVR RELVHSKSRD METDQPMEST
Specificity:	Nematostella vectensis (Starlet sea anemone)
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:	Bystin-Like (BYSL)
Alternative Name:	Bystin (bysl) (BYSL Products)
Background:	Recommended name: Bystin
UniProt:	A7S7F2
Pathways:	Cellular Response to Molecule of Bacterial Origin

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