Datasheet for ABIN1655040

KYNU Protein (AA 1-465) (His tag)

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Overview

Quantity:	1 mg
Target:	KYNU
Protein Characteristics:	AA 1-465
Origin:	Nematostella vectensis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This KYNU protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAYKPTQTLR KLAEKSSLDI VSREFADYMD SKDPLRKMRD EFFYPRVKDL PGVDLSLVDG DQDSIYFCGN SLGLQPRGCR ELIDRSLTKW EQMGVLGHTS GWCPWKPIED ILIKPMAEII GAKDIEVVAM NTLTVNLHMM MVPFYRPTPQ RYKILMEGKA FPSDQYAAQS QVHFHGFDPD KDIIEVFPRE GEQSLRTEDI LSAIEEHGNS ITLVLFSGVQ YYTGQFFDMK TITAAAQKKG CVVGWDLAHA VGNVELHLHD WNVDFACWCT YKYLNSGPGG IAGAFVHEKH AYNFELPKFA GWWGTDRNSR FQMRKEFEQI PGAHGYQCSN PPVFQCLLLR ASLDVFEKTS VKEIRAKGDL LTAYLELLLL HYFSPSNDIT KNGNTPHVSI ITPADPKDRG CQLSVKFSVP VDKVFEELCK RGFVGDIRHP DVMRIAPAPL YNSFADVHRF ISMLNAAFKT ITPNS
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:	KYNU
Alternative Name:	Kynureninase (kynu) (KYNU Products)
Background:	Recommended name: Kynureninase. EC= 3.7.1.3. Alternative name(s): L-kynurenine hydrolase
UniProt:	A7SCH8

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.