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Datasheet for ABIN1661217
XLNA Protein (AA 42-477) (His tag)

Overview

Quantity:	1 mg
Target:	XLNA
Protein Characteristics:	AA 42-477
Origin:	Streptomyces lividans
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This XLNA protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	AESTLGAAA AQSGRYFGTA IASGRLSDST YTSIAGREFN MVTAENEMKI DATEPQRGQF NFSSADRVYN WAVQNGKQVR GHTLAWHSQQ PGWMQSLSGS ALRQAMIDHI NGVMAHYK GK IVQWDVVNEA FADGSSGARR DSNLQRSGND WIEVAFRTAR AADPSAKLCY NDYNVENWTW AKTQAMYNMV RDFKQRGVPI DCVGFQSHFN SGSPYNSNFR TTLQNFAALG VDVAITELDI QGAPASTYAN VTNDCLAVSR CLGITVWGVR DSDSWRSEQT PLLFNNDGSK KAAAYTAVLDA LNGGDSSEPP ADGGQIKGVG SGRCLDVPDA STSDGTQLQL WDCHSGTNQQ WAATDAGELR VYGDKCLDAA GTSNGSKVQI YSCWGGDNQK WRLNSDGSVV GVQSGLCCLDA VGNGTANGTL IQLYTCSNGS NQRWTRT
Specificity:	Streptomyces lividans
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: XLNA

Alternative Name: Endo-1,4-beta-xylanase A (xlnA) ([XLNA Products](#))

Background: Recommended name: Endo-1,4-beta-xylanase A.
Short name= Xylanase A.
EC= 3.2.1.8.
Alternative name(s): 1,4-beta-D-xylan xylanohydrolase A

UniProt: [P26514](#)

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.