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Datasheet for ABIN1663763
LYX Protein (AA 1-485) (His tag)

Overview

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|-------------------------------|--|
| Quantity: | 1 mg |
| Target: | LYX |
| Protein Characteristics: | AA 1-485 |
| Origin: | Haemophilus influenzae |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This LYX protein is labelled with His tag. |
| Application: | ELISA |

Product Details

| | |
|------------------|---|
| Sequence: | MHYYLGIDCG GTFIKAAIFD QNGTLQSIAR RNIPPISEKP GYAERDMDL WNLCAQVIQK TIRQSSILPQ QIKAIGISAQ GKGAFFLDKD NKPLGRAILS SDQRAYEIVQ CWQKENILQK FYPITLQTLW MGHPVSILRW IKENEPSRYE QIHTILMSHD YLRFCLTEKL YCEETNISES NFYNMREGKY DIQLAKLFGI TECIDKLPII IKSNIAGYV TSRAAEQSGL VEGIPVVGGL FDVVSTALCA DLKDDQHLNV VLGTSVSVSG VTHYIDDNQT IPFVYGKYPE KNKFIHEAS PTSAGNLEWF VNQFNLPNYD DINHEIAKLG PASSSVLFAP FLYGSNAKLG MQAGFYGIQS HHTQIHLLQA IYEGVIFSLM SHLERMQVRF PNASTVRVTG GPAKSEVWMQ MLADISGMRL EIPNIEETGC LGAALMAMQA ESAVEISQIL NIDRKIFLPD KNQYSKYQHK YHRYLKFIEA LKNLD |
| Specificity: | Haemophilus influenzae (strain ATCC 51907 / DSM 11121 / KW20 / Rd) |
| 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: LYX

Alternative Name: Probable L-xylulose kinase (lyx) ([LYX Products](#))

Background: Recommended name: Probable L-xylulose kinase.
Short name= L-xylulokinase.
EC= 2.7.1.53

UniProt: [P44991](#)

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

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