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Datasheet for ABIN1626000 THNSL2 Protein (AA 1-476) (His tag)

Overview

| | |
|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | THNSL2 |
| Protein Characteristics: | AA 1-476 |
| Origin: | Zebrafish (Danio rerio) |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This THNSL2 protein is labelled with His tag. |
| Application: | ELISA |

Product Details

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|------------------|--|
| Sequence: | <p>MRYCSTRAGV QGRSFRDVLV SGYAADGGMF MPENLPSLSA ETLRSWRRLS YRQLLCEVCE</p> <p>LFIPQEIPR EQLEGLVSSA LSSFVSPDAV RLVQLKDSLS ILELFHGETL AFKDLAMSC</p> <p>AHFLQYFLRR DRQRATILVG TSGDTGSSAI RSVLGLREVD IVVVFPRGRI TKIQELQMTT</p> <p>SVAENVHVFA ADGTSDDIDV PLRKLFAAD LVQRHRLMSL NSVNWSRIMV QTAHFLFAYL</p> <p>QLTPSLPEGD TLPVLEVLVP TGGAGNITAG IIVKRMGVPL RLVAMVNAND IVHRTVQSGD</p> <p>FSMSSSVTQT LAPAIDIQDP YNMERVFVLL SGGDGLMVKS LMEEFQKTHK LSLPASLHQQ</p> <p>LSEVLSSGSV SDDGILEAMR RCWQDNHYLI CPHTAVAVWR HYQSPVRPGE SRCCIATASP</p> <p>HKFQQAVQRA GLTLELPESL QVLDQLETRC ADLKCSDDWE ETLRRHIESI SSRRNS</p> |
| Specificity: | Danio rerio (Zebrafish) (Brachydanio rerio) |
| 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: THNSL2

Abstract: [THNSL2 Products](#)

Background: Recommended name: Threonine synthase-like 2.
Short name= TSH2.
EC= 4.2.3.-

UniProt: [Q2YDP8](#)

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.