

Datasheet for ABIN1628078
UFSP2 Protein (AA 1-464) (His tag)



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Overview

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| Quantity: | 1 mg |
| Target: | UFSP2 (C4orf20) |
| Protein Characteristics: | AA 1-464 |
| Origin: | Xenopus laevis |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This UFSP2 protein is labelled with His tag. |
| Application: | ELISA |

Product Details

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| Sequence: | <p>MVVITSACII FRIRGGLNLS FPLTATDETS AKKALFRAVC DLSSKLLSES LVLNICNSVL</p> <p>YIWPNTGTCT HPTELSDDTP CKDILRFIQV DDERKVSXXX EKKSQDLQQM VNIKLLFERS</p> <p>TSSEAVSPVI HQDISSQQLV NMVLPIDTVV SVSPDEAWGK VRQLLVNGLT HQLSEMEKCL</p> <p>LKYMKGTSFY VAEPNHFLLP DQGLATVIYP AGVADVQLED CRQALHEQFN LPLDRPYFRR</p> <p>ANAFHFPDEP YKDG YIRNPH LQLGTPPLEG ATVSLVQGLY SYHHYMQDRM DDNGWG CAYR</p> <p>SLQTICSWFK YQGYTDKPIP THKEIQQALV DVGDKPASV GSRQWIGSIE VQLVDHLLG</p> <p>ITSKIMFVSQ GTELASRGRE LVHHFTSEGT PVMIGGGVLA HTILGVAWSE LTGDIRFLIL</p> <p>DPHYKGGEDL HVILEKGWCG WKGPEFWDAT AYYNLCLPQR PTAI</p> |
| Specificity: | Xenopus laevis (African clawed frog) |
| 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: UFSP2 (C4orf20)

Alternative Name: Ufm1-specific protease 2 (ufsp2) ([C4orf20 Products](#))

Background: Recommended name: Ufm1-specific protease 2.
Short name= UfSP2.
EC= 3.4.22.-

UniProt: [Q3B8N0](#)

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 modiflicated 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.