antibodies

## Datasheet for ABIN1655445 MASA Protein (AA 1-261) (His tag)

Purity:



| Overview                      |  |
|-------------------------------|--|
| Quantity:                     | 1 mg   |
| Target:                       | MASA (ENOPH1)  |
| Protein Characteristics:      | AA 1-261   |
| Origin:                       | Atlantic Salmon  |
| Source:                       | Yeast  |
| Protein Type:                 | Recombinant  |
| Purification tag / Conjugate: | This MASA protein is labelled with His tag.  |
| Application:                  | ELISA  |
| Product Details               |  |
| Sequence:                     | MATVSIPANT TALLLDIEGT TTPITFVKDI LFPYIKDHLE EHLSAHWEED ECKQDVHLLK                                |
|                               | KQVEEDLRLN RACAQHALDQ SGHTDEEKAI REVVDNVLWQ MASDRKTTAL KQLQGHMWRA                                |
|                               | AYAAGRIKGE VYQDVVPSIR RWRRQGLKVY IYSSGSVEAQ KLLFGYSVEG DVLDLFDGHF                                |
|                               | DTNIGAKVES KSYERIAERM GCLSEEIMFL TDITREAKAA EDAGVNVAVV VRPGNMELTE                                |
|                               | EERSHYNLIT TFSQLEVMGR V  |
| Specificity:                  | Salmo salar (Atlantic salmon)  |
| 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.            |

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> 90 %

## Target Details

| Target:           | MASA (ENOPH1)  |
|-------------------|--|
| Alternative Name: | Enolase-phosphatase E1 (enoph1) (ENOPH1 Products)  |
| Background:       | Recommended name: Enolase-phosphatase E1.<br>EC= 3.1.3.77.<br>Alternative name(s): 2,3-diketo-5-methylthio-1-phosphopentane phosphatase MASA homolog |
| UniProt:          | B5X2D1   |
| Pathways:         | Methionine Biosynthetic Process  |

## 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.                                |

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