antibodies

Datasheet for ABIN1475819 SMAD7 Protein (AA 1-426) (His tag)



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| Quantity: | 1 mg |
|-------------------------------|--|
| Target: | SMAD7 |
| Protein Characteristics: | AA 1-426 |
| Origin: | Rat |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This SMAD7 protein is labelled with His tag. |
| Application: | ELISA |
| | |

Product Details

| Sequence: | MFRTKRSALV RRLWRSRAPG GEDEEEGVGG GGGGGGLRGE GATDGRAYGA GGGGAGRAGC |
|------------------|--|
| | CLGKAVRGAK GHHHPHPPSS GAGAAGGAEA DLKALTHSVL KKLKERQLEL LLQAVESRGG |
| | TRTACLLLPG RLDCRLGPGA PASAQPAQPP SSYSLPLLLC KVFRWPDLRH SSEVKRLCCC |
| | ESYGKINPEL VCCNPHHLSR LCELESPPPP YSRYPMDFLK PTADCPDAVP SSDETGGTNY |
| | LAPGGLSDSQ LLLEPGDRSH WCVVAYWEEK TRVGRLYCVQ EPSLDIFYDL PQGNGFCLGQ |
| | LNSDNKSQLV QKVRSKIGCG IQLTREVDGV WVYNRSSYPI FIKSATLDNP DSRTLLVHKV |
| | FPGFSIKAFD YEKAYSLQRP NDHEFMQQPW TGFTVQISFV KGWGQCYTRQ FISSCPCWLE |
| | VIFNSR |
| Specificity: | Rattus norvegicus (Rat) |
| 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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Product Details

Purity:

> 90 %

Target Details

| Target: | SMAD7 |
|-------------------|--|
| Alternative Name: | Mothers against decapentaplegic homolog 7 (Smad7) (SMAD7 Products) |
| Background: | Recommended name: Mothers against decapentaplegic homolog 7. |
| | Short name= MAD homolog 7. |
| | Short name= Mothers against DPP homolog 7. |
| | Alternative name(s): SMAD family member 7. |
| | Short name= SMAD 7. |
| | Short name= Smad7 |
| UniProt: | 088406 |
| Pathways: | Interferon-gamma Pathway, Cell-Cell Junction Organization |

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 |

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| land | |
| 10110 | |

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