

[Go to Product page](#)

Datasheet for ABIN1459790

FNTA Protein (AA 2-375) (His tag)

Overview

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|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | FNTA |
| Protein Characteristics: | AA 2-375 |
| Origin: | Cow |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This FNTA protein is labelled with His tag. |
| Application: | ELISA |

Product Details

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| Sequence: | AAADGVGEA AQGGDPGQPE PPPPQPHPP PPPQPPQEE AAAASPIDDG FLSLDSPTYV LYRDRPEWAD IDPVPQNDGP NPVVQIIYSE KFQDVYDYFR AVLQRDERSE RAFKLTRDAI ELNAANYTVW HFRRVLLKSL QKDLHEEMNY ISAIIEEQPK NYQVWHHRRV LVEWLRDPSQ ELEFIADILT QDAKNYHAWQ HRQWVIQEFK LWDNELQYVD QLLKEDVRNN SVWNQRYFVI SNTTGYNDRA ILEREVQYTL EMIKLVPHNE SAWNYLKGIL QDRGLSKYPN LLNQLLDLQP SHSSPYLIAF LVDIYEDMLE NQCDNKEDIL NKALELCEIL AKEKDTIRKE YWRYIGRSLQ SKHSTESDPP TNVQQ |
| Specificity: | Bos taurus (Bovine) |
| 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. |
| Purity: | > 90 % |

Target Details

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| Target: | FNTA |
| Alternative Name: | Protein farnesyltransferase/geranylgeranyltransferase type-1 subunit alpha (FNTA) (FNTA Products) |
| Background: | <p>Recommended name: Protein farnesyltransferase/geranylgeranyltransferase type-1 subunit alpha.</p> <p>EC= 2.5.1.58.</p> <p>EC= 2.5.1.59.</p> <p>Alternative name(s): CAAX farnesyltransferase subunit alpha FTase-alpha Ras proteins prenyltransferase subunit alpha Type I protein geranyl-geranyltransferase subunit alpha.</p> <p>Short name= GGTase-I-alpha</p> |
| UniProt: | P29702 |
| Pathways: | Response to Water Deprivation , Regulation of G-Protein Coupled Receptor Protein Signaling |

Application Details

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| Comment: | <p>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.</p> |
| Restrictions: | For Research Use only |

Handling

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| 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 |

Handling

Storage: -20 °C

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