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Datasheet for ABIN1633194 CIAO1 Protein (AA 1-339) (His tag)



| Overview | |
|-------------------------------|--|
| Quantity: | 1 mg |
| Target: | CIA01 |
| Protein Characteristics: | AA 1-339 |
| Origin: | Rat |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This CIAO1 protein is labelled with His tag. |
| Application: | ELISA |
| Product Details | |
| Sequence: | MKDALVLQSR VPAHPDSRCW FLAWNPTGTL LASCGGDRKI RIWGTEGDSW ICKSVLSEGH |
| | QRTVRKVAWS PCGNYLASAS FDATTCIWKK NQDDFECVTT LEGHENEVKS VAWAPSGNLL |
| | ATCSRDKSVW VWEVDEEDEY ECVSVLNSHT QDVKHVVWHP SQELLASASY DDTVKLYQEE |
| | GDDWVCCATL EGHESTVWSI AFDPSGQRLA SCSDDRTVRI WRQYLPGNEQ GVACSGSDPS |
| | WKCVCTLSGF HTRTIYDVAW CQLTGALATA CGDDAIRVFE EDPGSDPQQP TFSLTAHLRQ |
| | AHSQDVNCVA WNPKEAGLLA SCSDDGEVAF WEYHQPAGL |
| 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. |
| Purity: | > 90 % |

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| Target Details | |
|-------------------|--|
| Target: | CIA01 |
| Alternative Name: | Probable cytosolic iron-sulfur protein assembly protein CIAO1 (Ciao1) (CIAO1 Products) |
| Background: | Recommended name: Probable cytosolic iron-sulfur protein assembly protein CIAO1. Alternative name(s): WD repeat-containing protein 39 |
| UniProt: | Q5M7T1 |

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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