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Datasheet for ABIN1458833

Adenylosuccinate Lyase Protein (ADSL) (AA 1-485) (His tag)

Overview

| | |
|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | Adenylosuccinate Lyase (ADSL) |
| Protein Characteristics: | AA 1-485 |
| Origin: | Chicken |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This Adenylosuccinate Lyase protein is labelled with His tag. |
| Application: | ELISA |

Product Details

| | |
|------------------|---|
| Sequence: | MATPCAEDP LARYRSPLVS RYASAEMGFN FSERKKFGTW RRLWLYLAQA EKSLGLPITD EIQKEMEANL DNIDFKMAAE EEKLRHDVM AHVHTFAHCC PKAAAIHLG ATSCYVDNT DLIVLRDGFN LLLPKLARVI SRLADFAETH ADLPTLGFTH YQPAQLTTVG KRCCCLWIQDL CMDLQNLERA RDDLRFRGVK GTTGTQASFL QLFEGDHSKV EELDRLVTAK AGFKRSYMT GQTYSRKVDI EVLSVLASLG ASVHKICTDI RLLANLKEIE EPFEKDQIGS SAMPYKRNP RSERCCSLAR HLMTLVLDPL QTASVQWFER TLDDSANRRV CLAEAFITAD IILSTLQNIS EGLVVYPKVI DRRIRQELPF MATENIIMAM VKAGGNRQDC HEKIRVLSQQ AAVVKQEGG DNDFIARVRA DPYFSPHIEH LDSLLDPSSF TGRAPQQVAK FLKEEVRPAL IPYQSMGGK IELTL |
| Specificity: | Gallus gallus (Chicken) |
| 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: Adenylosuccinate Lyase (ADSL)

Abstract: [ADSL Products](#)

Background: Recommended name: Adenylosuccinate lyase.
Short name= ASL.
EC= 4.3.2.2.
Alternative name(s): Adenylosuccinase.
Short name= ASase

UniProt: [P21265](#)

Pathways: [Ribonucleoside 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 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.

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

Handling

Storage: -20 °C

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