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Datasheet for ABIN1634020

ACADSB Protein (AA 34-432) (His tag)

Overview

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|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | ACADSB |
| Protein Characteristics: | AA 34-432 |
| Origin: | Orang-Utan |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This ACADSB protein is labelled with His tag. |
| Application: | ELISA |

Product Details

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| Sequence: | KSSQSEA LLNITNNGIH FAPLQFTTDE EMMIKSSVKK FAQEIQIAPLV STMDENSKME KSVIQGLFQQ GLMGIEVDPE YGGTGASFLS TVLVIEELAK VDASVAVFCE IQNTLINTLI RKHGTEEQKG TYLPQLTTEK VGSFCLSEAG AGSDSFALKT RADKEGDYYV LNGSKMWISS AEHAGLFLVM ANVDPTIGYK GITSFLVDRD TPGLHIGKPE NKLGLRASST CPLTFENVKV PETNILGQIG HGYKYAIGSL NEGRIGIAAQ MLGLAQGCDF YTIPIYIKERI QFGKRLDFDQ GLQHQAHAHA TQLEAARLLT YNAARLLEAG KPFIKEASMA KYYASEIAGQ TTSKCIWMMG GVGYTKDYPV EKYFRDAKIG TIYEGASNIQ LNTIAKHIDA EY |
| Specificity: | Pongo abelii (Sumatran orangutan) |
| 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: | ACADSB |
| Alternative Name: | Short/branched chain specific acyl-CoA dehydrogenase, mitochondrial (ACADSB) (ACADSB Products) |
| Background: | <p>Recommended name: Short/branched chain specific acyl-CoA dehydrogenase, mitochondrial.</p> <p>Short name= SBCAD.</p> <p>EC= 1.3.99.-.</p> <p>Alternative name(s): 2-methyl branched chain acyl-CoA dehydrogenase.</p> <p>Short name= 2-MEBCAD 2-methylbutyryl-coenzyme A dehydrogenase.</p> <p>Short name= 2-methylbutyryl-CoA dehydrogenase</p> |
| UniProt: | Q5RF40 |
| Pathways: | Monocarboxylic Acid Catabolic Process |

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 modiflicated 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 |
| Storage: | -20 °C |

Handling

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