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Datasheet for ABIN1675848

ACSM3 Protein (AA 22-580) (His tag)

Overview

| | |
|-------------------------------|--|
| Quantity: | 1 mg |
| Target: | ACSM3 |
| Protein Characteristics: | AA 22-580 |
| Origin: | Rat |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This ACSM3 protein is labelled with His tag. |
| Application: | ELISA |

Product Details

| | |
|------------------|---|
| Sequence: | <p>LYKDYRTAI PQNFSNYESM KHDFKIEIPE YFNFAKDVLD QWTNTEKTGK RLSNPAFWWW</p> <p>DGNGKEVRWS FEELGSLSRK FANILTEACS LQRGDRVMVI LPKIPWWLA NVACLRTGTV</p> <p>LIPGTTQLTQ KDILYRLQSS KSKCIITDDT LAPAVDIVAA KCENLHSLKI VSQHSREGWG</p> <p>NLKEMMKYAS DSHTCVDTKH NELMAIYFTS GTTGPPKMIG HTHSSFGLGL SVNGRFWLDL</p> <p>IASDVMWNTS DTGWAKSAWS SVFSPWTQGA CVFAHYLPRF DSTSILQTLS KFPITVFCSA</p> <p>PTAYRMLIQN DITSYKFNSL KHCVSAGEPI NPEVMEQWKK KTGLDIYEGY GQTETVLICG</p> <p>NFKGMKIKPG SMGKPSPAFN VEILDENGTI LPPGQEGDIA VQVLPDRPFG LFTHYVDNPS</p> <p>KTASTLRGNF YITGDRGYMD EDGYFWFVAR SDDVILSSGY RIGPFEVESA LIEHPSIAES</p> <p>AVVSSPDPPIR GEVVKAFIVL NPDYKLHDQE QLKKEIQEHV KKTAPYKYP RKIEFIEELP</p> <p>KTVSGKVKRN ELRRKEWTTT</p> |
| Specificity: | Rattus norvegicus (Rat) |
| Characteristics: | Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian |

Product Details

cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

Target Details

Target: ACSM3

Alternative Name: Acyl-coenzyme A synthetase ACSM3, mitochondrial (Acsm3) ([ACSM3 Products](#))

Background: Recommended name: Acyl-coenzyme A synthetase ACSM3, mitochondrial.
EC= 6.2.1.2.
Alternative name(s): Acyl-CoA synthetase medium-chain family member 3 Butyrate--CoA ligase
3 Butyryl-coenzyme A synthetase 3 Middle-chain acyl-CoA synthetase 3 SA rat hypertension-associated protein.
Short name= Protein SA

UniProt: [Q6SKG1](#)

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 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.

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

Handling

one week

Storage: -20 °C

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