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Datasheet for ABIN1670299

S-Adenosyl-Methionine Synthase 4 (METK4) (AA 1-390) protein (His tag)

Overview

Quantity:	1 mg
Target:	S-Adenosyl-Methionine Synthase 4 (METK4)
Protein Characteristics:	AA 1-390
Origin:	Poplar (Populus)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	ELISA

Product Details

Sequence:	MDTFLFTSES VNEGHPDKLC DQVSDAILDA CLAQDPESKV ACETCSKTNM VMVFGEITTK ANVDYEKIVR DTCRGIGFTS ADVGLDADNC KVLVNIEQQS PDIAQGVHGH LTKKPEEIGA GDQGHMFGYA TDEPELMPL THVLATKLG A KLTEVRKNKT CPWLRPDGKT QVTVEYKNEG GAMVPIRVHT ILISTQH DEN VTNEQIAADL KEHVIKPVIP VQYLDDKTIF HLNPSGRFVI GGPHGDAGLT GRKIIIDTYG GWGAHGGGAF SGKDPTKVDR SGAYIVRQAA KSVVASGLAR RCIVQVSYAI GVPEPLSVFV DTYKTGKIPD RDILELIKEN FDFRPGMAI NLDLMRGGNS RYQKTAAYGH FGRDDPDFTW ETVKLLKPNA
Specificity:	Populus trichocarpa (Western balsam poplar) (Populus balsamifera subsp. trichocarpa)
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

Target:	S-Adenosyl-Methionine Synthase 4 (METK4)
Alternative Name:	S-adenosylmethionine synthase 4 (METK4) (METK4 Products)
Background:	Recommended name: S-adenosylmethionine synthase 4. Short name= AdoMet synthase 4. EC= 2.5.1.6. Alternative name(s): Methionine adenosyltransferase 4. Short name= MAT 4
UniProt:	A9PHC5

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.
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Restrictions:	For Research Use only
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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.