Datasheet for ABIN1476683

STAR Protein (AA 64-285) (His tag)

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Overview

Quantity:	1 mg
Target:	STAR
Protein Characteristics:	AA 64-285
Origin:	Sheep
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This STAR protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	EDSLYSD QELAYIQQGE EAMQRALGIL KDQEGWKKES RQVNGDEVLS KVIPDVGKVF RLEVVVDQPM ERLYEELVER MEAMGEWNPS VKEIKVLQKI GKDTIITHEL AAEAAGNLVG PRDFVSVRCT KRRGSMCVLA GTATLYEEMP QQKGVIRAEH GPTCMVLRPL AGSPSRTKLT WLLSIDLKGW LPKTIINQVL SQTQVDFANH LRKRLESCPA LEARC
Specificity:	Ovis aries (Sheep)
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 %

Target Details

Target:	STAR

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Target Details

Alternative Name:	Steroidogenic acute regulatory protein, mitochondrial (STAR) (STAR Products)
Background:	Recommended name: Steroidogenic acute regulatory protein, mitochondrial. Short name= StAR. Alternative name(s): START domain-containing protein 1. Short name= StARD1
UniProt:	P79245
Pathways:	Metabolism of Steroid Hormones and Vitamin D, Response to Growth Hormone Stimulus, C21-Steroid Hormone Metabolic Process, Cellular Response to Molecule of Bacterial Origin, Carbohydrate Homeostasis

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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