

Datasheet for ABIN1615354
STAR Protein (AA 1-289) (His tag)



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Overview

Quantity:	1 mg
Target:	STAR
Protein Characteristics:	AA 1-289
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This STAR protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	RPGRLLPATF KLCAGISYRH LRNMTGLRRT AAVALTHLE KLALVGPGPG KWINQIRRKS ILLSSRLEEK TLNDVEMSYI KQGEEALKKS LNILGDQDGW KTEIVMENGD KVLSKVLPDI GKVFKEAVV EKPLDNVYGE LVDNMEKMGE WNPNVKEVKI LQKIGKDTVI THEKAAETPG NIVGARDFVS VRCSKRRGST CILAGMSTRF GGMPEQKGFV RGENGPTCMV LRPLAEDVSK TKLTWLLSID LKGWLPKSII NQVLSQTQVD FAKHLRSRMA SSSTALSLC
Specificity:	Xenopus laevis (African clawed frog)
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:	STAR
Abstract:	STAR Products
Background:	Recommended name: Steroidogenic acute regulatory protein. Short name= StAR. Alternative name(s): START domain-containing protein 1. Short name= StARD1
UniProt:	Q9DG08
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 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
Storage:	-20 °C

Handling

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