

Datasheet for ABIN1476781
HSD11B1 Protein (AA 2-292) (His tag)



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Overview

Quantity:	1 mg
Target:	HSD11B1
Protein Characteristics:	AA 2-292
Origin:	Sheep
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HSD11B1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	AFMKKYLPL ILGIFLAYYY YSANEEFRPE MLRGKRVIVT GASKGIGREM AYHLARMGAH VVVTARSEES LKKVVSRCLE LGAASAHYVA GTMENMTFAE QFVAKAGELV GGLDMLILNH INYTPLRVFS NDIHLLRRSL EVNLLSYVVL STAALPMLKQ TSGSIVVSS VAGKIACPLA AAYSASKFAL DGFFSSLRTE YEATKVNVSITLCILGLIDT DTAMKAVAGI YNAEASPKEE CALEIIKGGA LRQDEVYYDN SILTSLLLKN PGRKIMEFLS LKKYNMERFI NN
Specificity:	Ovis aries (Sheep)
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:	HSD11B1
Alternative Name:	Corticosteroid 11-beta-dehydrogenase isozyme 1 (HSD11B1) (HSD11B1 Products)
Background:	Recommended name: Corticosteroid 11-beta-dehydrogenase isozyme 1. EC= 1.1.1.146. Alternative name(s): 11-beta-hydroxysteroid dehydrogenase 1. Short name= 11-DH. Short name= 11-beta-HSD1
UniProt:	P51975
Pathways:	Metabolism of Steroid Hormones and Vitamin D , Steroid Hormone Biosynthesis , Regulation of Carbohydrate Metabolic Process

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.