

Datasheet for ABIN1674449  
**HSD11B1 Protein (AA 2-292) (His tag)**



[Go to Product page](#)

## Overview

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

## Product Details

Sequence:	HFMKKYLLP ILVLFLAYYY YSTKEEFRPE MLQGKKVIVT GASKGIGREM AYHLSEMGAH VVL TARSEEG LQKVASRCLE LGAASAHYIA GTMEDMTFAE QFVLKAGKLM GGLDMLILNH ITYTSMNFFR DEIHALRKAM EVNFISYVVM SVAALPMLKQ SNGSIVVVSS IAGKMAHPLV ASYSASKFAL DGFFSSLRRE HGVTNVNCSI TLCVLGLINT ETAMKATSGV FNAPASPKKEE CALEIIKGGA LRQEEVYYS WSWTPILLGN PGRKIMEFLS MKSFTFDKLI SS
Specificity:	Mesocricetus auratus (Golden hamster)
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) ( <a href="#">HSD11B1 Products</a> )
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 7-alpha-hydroxycholesterol dehydrogenase. Short name= 7-alpha-HCD
UniProt:	<a href="#">Q6R0J2</a>
Pathways:	<a href="#">Metabolism of Steroid Hormones and Vitamin D</a> , <a href="#">Steroid Hormone Biosynthesis</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a>

## 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.