



[Go to Product page](#)

Datasheet for ABIN1476778 HSD11B2 Protein (AA 1-427) (His tag)

Overview

Quantity:	1 mg
Target:	HSD11B2
Protein Characteristics:	AA 1-427
Origin:	Sheep
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HSD11B2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MESWPWPSGG AWLLVAARAL LQLLRADLRL GRPLLAALAL LAALDWLCQR LLPPLAALAV LAATGWIVLS RLARPQRLPV ATRAVLITGC DSGFGNATAK KLDAMGFTVL ATVLDLNSPG ALELRACCS RLQLLQMDLT KPADISRVLE FTKVHTASTG LWGLVNNAGQ NIFVADAELC PVATFRTCME VNFFGALEMT KGLLP LLRRS SGRIVTVSSP AGDMPFPCLA AYGTSKAALA LLMGNFSC EL LPWGVKVSII LPACFKTESV KDVHQWEERK QQLLATLPQE LLQAYGEDYI EHLNGQFLHS LSQALPDLSP VVDAITDALL AAQPRRRYYP GHGLGLIYFI HYYLPEGCGR VSCSPSSSVP MCQEHYRLPA WPYLCPGHSP GPRPQTGPLS HCPVSRHVE QLQQRFLVP LLFFQVF
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.

Product Details

Purity: > 90 %

Target Details

Target: HSD11B2

Alternative Name: Corticosteroid 11-beta-dehydrogenase isozyme 2 (HSD11B2) ([HSD11B2 Products](#))

Background: Recommended name: Corticosteroid 11-beta-dehydrogenase isozyme 2.
EC= 1.1.1.-.
Alternative name(s): 11-beta-hydroxysteroid dehydrogenase type 2.
Short name= 11-DH2.
Short name= 11-beta-HSD2 NAD-dependent 11-beta-hydroxysteroid dehydrogenase

UniProt: [P50168](#)

Pathways: [Steroid Hormone Biosynthesis, Regulation of Systemic Arterial Blood Pressure by Hormones](#)

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

Handling

Storage: -20 °C

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