abcam

Product datasheet

Recombinant Human HSD17B1 protein ab156332

1 Image

Description

Product name Recombinant Human HSD17B1 protein

Purity > 90 % SDS-PAGE.

ab156332 is purified using conventional chromatography techniques.

Expression system Escherichia coli

Accession P14061

Protein length Full length protein

Animal free No

Nature Recombinant

Species Human

Sequence MGSSHHHHHH SSGLVPRGSH MGSHMARTVV

LITGCSSGIG LHLAVRLASD PSQSFKVYAT LRDLKTQGRL

WEAARALACP PGSLETLQLD VRDSKSVAAA
RERVTEGRVD VLVCNAGLGL LGPLEALGED
AVASVLDVNV VGTVRMLQAF LPDMKRRGSG
RVLVTGSVGG LMGLPFNDVY CASKFALEGL
CESLAVLLLP FGVHLSLIEC GPVHTAFMEK
VLGSPEEVLD RTDIHTFHRF YQYLAHSKQV
FREAAQNPEE VAEVFLTALR APKPTLRYFT
TERFLPLLRM RLDDPSGSNY VTAMHREVFG
DVPAKAEAGA EAGGGAGPGA EDEAGRGAVG

DPELGDPPAA PQ

Predicted molecular weight 38 kDa including tags

Amino acids 1 to 328

Tags His tag N-Terminus

Specifications

Our Abpromise guarantee covers the use of ab156332 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications SDS-PAGE

Mass Spectrometry

Mass spectrometry MALDI-TOF

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Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -

80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.02% DTT, 0.32% Tris HCI, 10% Glycerol (glycerin, glycerine), 0.88% Sodium

chloride

General Info

Function Favors the reduction of estrogens and androgens. Also has 20-alpha-HSD activity. Uses

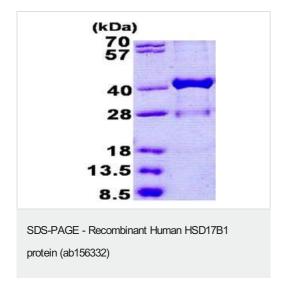
preferentially NADH.

Pathway Steroid biosynthesis; estrogen biosynthesis.

Sequence similarities Belongs to the short-chain dehydrogenases/reductases (SDR) family.

Cellular localization Cytoplasm.

Images



15% SDS-PAGE analysis of ab156332 (3µg).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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