

Datasheet for ABIN7584750

HSD17B4 Protein (AA 1-735) (His tag)



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Overview

Quantity:	100 µg
Target:	HSD17B4
Protein Characteristics:	AA 1-735
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HSD17B4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MASPLRFDGR VVLVTGAGGG LGRAYALAF ERGALVVVND LGGDFKGVGK GSSAADKVVE</p> <p>EIRRRGGKAV ANYDSVEAGE KLVKTALDTF GRIDVVVNN GILRDRSFSR ISDEDWDIIQ</p> <p>RVHLRGSFQV TRAAWDHMKK QNYGRIIMTA SASGIYGNFG QANYSAAKLG LLGLANTLVI</p> <p>EGRKNNIHCN TIAPNAGSRM TETVMPEDLV EALKPEYVAP LVLWLCHESC EENGGLFEVG</p> <p>AGWIGKLRWE RTLGAIVRKR NQPMTPAVR DNWVKICDFS NASKPKSIQE STGGIIEVLH</p> <p>KIDSEGISQN HTGQVASADA SGFAGVVGHK LPSFSSSYTE LQCIMYALGV GASVKNPKDL</p> <p>KFVYEGSADF SCLPTFGVIV AQKSLMSGGL AEPVGLSINF AKVLHGEQYL ELYKPLPRSG</p> <p>ELKCEAVIAD ILDKGSGIVI VMDVYSYSGK ELICYNQFSV FVVGSGGFGG KRTSEKLKAA</p> <p>VAVPSRPPDA VLRDTTSLNQ AALYRLSGDS NPLHIDPSFA SIAGFEKPIL HGLCTFGFSA</p> <p>RHVLQQFADN DVSRFKAIKV RFAKPVYPGQ TLQTEMWKEG NRIHFQTKVQ ETGDIVISNA</p> <p>YVDLVPTSGV SAQTPSEGGA LQSALVFGEI GRRLKDVGRE VVKKVNAFE WHITKNGNVA</p> <p>AKWTIDLKNG SGEVYQGPAK GSADTTITIS DEDFMEVVLG KLNPNQNAFFS GRLKARGNIM</p>
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Product Details

	LSQKLQMILK DYAKL
Specificity:	Rattus norvegicus (Rat)
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:	HSD17B4
Alternative Name:	Peroxisomal multifunctional enzyme type 2 (Hsd17b4) (HSD17B4 Products)
Background:	<p>Recommended name: Peroxisomal multifunctional enzyme type 2.</p> <p>Short name= MFE-2.</p> <p>Alternative name(s): 17-beta-hydroxysteroid dehydrogenase 4.</p> <p>Short name= 17-beta-HSD 4 D-bifunctional protein.</p> <p>Short name= DBP Multifunctional protein 2.</p> <p>Short name= MPF-2 Cleaved into the following 2 chains: 1.</p> <p>(3R)-hydroxyacyl-CoA dehydrogenase.</p> <p>EC= 2.</p> <p>1.1.1.n12 3.</p> <p>Enoyl-CoA hydratase 2.</p> <p>EC= 4.</p> <p>4.2.1.107.</p> <p>EC= 5.</p> <p>4.2.1.119.</p> <p>Alternative name(s): 3-alpha,7-alpha,12-alpha-trihydroxy-5-beta-cholest-24-enoyl-CoA hydratase</p>
UniProt:	P97852
Pathways:	Monocarboxylic Acid Catabolic 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
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Application Details

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
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Handling

Format:	Lyophilized
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Concentration:	0.2-2 mg/mL
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Buffer:	Tris-based buffer, 50 % glycerol
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Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
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Storage:	-20 °C
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Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.
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