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Datasheet for ABIN1640916 DHRS4 Protein (AA 1-279) (His tag)

Overview

Quantity:	1 mg
Target:	DHRS4
Protein Characteristics:	AA 1-279
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DHRS4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MLKVGLPLGA CARSWKSVRM ASCGMARRNP LDNKVALVTA STDGIGFAIA RRLAQDGAHV VVSSRKQQNV DRAVATLKGE GLSVTGTVCH VGKAEDRERL VATAVKLHGG VDILISNAAV SPFFGSLMDV PEEVWDKILD VNVKATALLT KAVVPEMAKR GGSIVIVSS IAAYSPFPSL GPYNVSKTAL LGLTKNLALE LAESNVRVNC LAPGLIRTSF SRVLWEDPAR QESIKATFQI KRIGKPEECA GIVSFLCED ASYITGETVV VAGGSLSHL
Specificity:	Bos taurus (Bovine)
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:	DHRS4
Alternative Name:	Dehydrogenase/reductase SDR family member 4 (DHRS4) (DHRS4 Products)
Background:	<p>Recommended name: Dehydrogenase/reductase SDR family member 4.</p> <p>EC= 1.1.1.184.</p> <p>Alternative name(s): NADPH-dependent carbonyl reductase/NADP-retinol dehydrogenase.</p> <p>Short name= CR.</p> <p>Short name= PHCR NADPH-dependent retinol dehydrogenase/reductase.</p> <p>Short name= NDRD Peroxisomal short-chain alcohol dehydrogenase.</p> <p>Short name= PSCD</p>
UniProt:	Q8SPU8

Application Details

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