Datasheet for ABIN1621404

CD44 Protein (CD44) (AA 14-263) (His tag)

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Overview

Quantity:	1 mg
Target:	CD44
Protein Characteristics:	AA 14-263
Origin:	Dog
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD44 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	QIDLNIT CRYAGVFHVE KNGRYSISRT AAADLCKAFN STLPTMAQME RALSVGFETC RYGFIEGHVV IPRIQPNAIC AANHTGVYIL ISNTSQYDTY CFNASAPPEE DCTSVTHLPN AFDGPITITI VNRDGTRYSQ KGEYRTNPED INPSNPTDDD VSSGSSSERS TSAGYNIFHT HLPTAYPTED QDSSRVSSNS DHTPITKDHD SSVHPSERSH TTHGSESAGH SSGSQEGGAN TTSGPMRKPQ IPE
Specificity:	Canis familiaris (Dog) (Canis lupus familiaris)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	CD44
Alternative Name:	CD44 antigen (CD44) (CD44 Products)
Background:	Recommended name: CD44 antigen. Alternative name(s): Extracellular matrix receptor-III. Short name=. ECMR-III GP90 lymphocyte homing/adhesion receptor HUTCH-I Hermes antigen Hyaluronate receptor Phagocytic glycoprotein 1. Short name= PGP-1 Phagocytic glycoprotein I. Short name= PGP-I CD_antigen= CD44
UniProt:	Q28284
Pathways:	Glycosaminoglycan Metabolic Process, Autophagy, Negative Regulation of intrinsic apoptotic Signaling

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 modificated 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.