Datasheet for ABIN7584268

F12 Protein (AA 20-368) (His tag)

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Overview

Quantity:	100 µg
Target:	F12
Protein Characteristics:	AA 20-368
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This F12 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	T PPWKGPKKHK LTDSEHTVVL TVTGEPCHFP FQYHRQLHHK CIHRGRPGPR PWCATTPNFE KDQRWAYCLE PKKVKDHCSK HNPCQKGGTC VNMPDGPRCI CADHFTGKHC QKEKCFEPQF FRFFHENEIW HRLEPAGVVK CQCKGPNAQC KPLASQVCRT NPCLNGGSCL QAEGHRLCRC APSFAGRLCD VDLKASCYDD RDRGLSYRGM AGTTLSGAPC QSWASEATYW NVTAEQVLNW GLGDHAFCRA STPPRGYRNP DNDTRPLCFI WKGDRLSWNY CRLAPCQAAA GHEHFPLPSP SALQKPESTT QTPLPSLTSG WCSPTPLASG GPGGCGQRLR KWLSSLNR
Specificity:	Bos taurus (Bovine)
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:	F12
Abstract:	F12 Products
Background:	Recommended name: Coagulation factor XII. EC= 3.4.21.38. Alternative name(s): Hageman factor. Short name= HAF Cleaved into the following 2 chains: 1. Coagulation factor XIIa heavy chain 2. Coagulation factor XIIa light chain
UniProt:	P98140
Pathways:	Complement System

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
Storage:	-20 °C

Handling

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