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Datasheet for ABIN1621226

S100A7 Protein (AA 2-101) (His tag)

Overview

Quantity:	1 mg
Target:	S100A7
Protein Characteristics:	AA 2-101
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This S100A7 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SSSQLEQAI TDLINLFHKY SGSDDTIEKE DLLRLMKDNF PNFLGACEKR GRDYLSNIFE KQDKNKDRKI DFSEFLSLLA DIATDYHNHS HGAQLCSGGN Q
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:	S100A7
Alternative Name:	Protein S100-A7 (S100A7) (S100A7 Products)

Target Details

Background:	Recommended name: Protein S100-A7. Alternative name(s): Calcium-binding protein in amniotic fluid 2. Short name= CAAF2 Dander minor allergen BDA11 Dermal allergen BDA11 S100 calcium-binding protein A7 Allergen= Bos d 3
UniProt:	Q28050
Pathways:	S100 Proteins

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