

Datasheet for ABIN1632484  
**HYAL1 Protein (AA 36-450) (His tag)**



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## Overview

Quantity:	1 mg
Target:	HYAL1
Protein Characteristics:	AA 36-450
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HYAL1 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	GSRDP VVPNQPF TTI WNANTEWCMK KHGVDV DISI FDVVTNPGQT FRGPNMTIFY SSQLGYTPYY TSAGEPVFGG LPQNASLNAH LARTFQDILA AMPEPRFSG L AVIDWEAWRP RWA FNWDTKD IYRQRSRALV QKQHPDWLAP RVEAAAQDQF EGAAEEWMAG TLKLGQALRP QGLWGFYNFP ECYNYDFKSP NYTGR CPLNI CAQNDQLGWL WGQSRALYPS IYLPAALEGT KKTQMFVQHR VAEAFRVAAG AGDPKLPVLP YMQLFYDMTN HFLPAEELEH SLGESAAQGA AGVVLWVSWL STSTKESCQA IKEYVD T T LG PSILNVTSGA RLCSQVLC SG HGRCARRPSY PKARLILNST SFSIKPTPGG GPLTLQGALS LEDRLRMAVE FECRCYRGWR GTRCEQWGMW
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

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Target:	HYAL1
Abstract:	<a href="#">HYAL1 Products</a>
Background:	Recommended name: Hyaluronidase-1. Short name= Hyal-1. EC= 3.2.1.35. Alternative name(s): Hyaluronoglucosaminidase-1
UniProt:	<a href="#">Q5E985</a>
Pathways:	<a href="#">Glycosaminoglycan Metabolic Process</a>

## Application Details

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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 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.</p>
Restrictions:	For Research Use only

## Handling

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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.