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Datasheet for ABIN1640011  
**HYAL2 Protein (AA 21-451) (His tag)**

Overview

Quantity:	1 mg
Target:	HYAL2
Protein Characteristics:	AA 21-451
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HYAL2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>TELKPTAPPI FTGRPFVVAW DVPTQDCGPR HKMPLDPKDM KAFDVQASPN EGFVNQNITI          FYRDLGMYP HFNSVGRSVH GGVPQNGSLW VHLEMLKGHV EHYIRTQEPA GLAVIDWEDW          RPVWVRNWQD KDVYRRLSRH LVAIRHPDWP PERVAKEAQY EFEFAARQFM LETLRFVKAF          RPRHLWGFYL FPDCCYNHDYV QNWETYTGRC PDVEVSRNDQ LAWLWAESTA LFPSVYLEET          LASSTHGRNF VSFRVQEALR VADVHHANHA LPVYVFTTRPT YSRGLTGLSE MDLISTIGES          AALGAAGVIL WGDAGFTTSN ETCRRLKDYL TRSLVPYVVN VSWAAQYCSW AQCHGHGRCV          RRDPAHTFL HLSASSFRLV PSHAPDEPRL RPEGELSWAD RNHLQMHFRC QCYLGWGGEQ          CQWDRRRAAG G</p>
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.

## Product Details

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Purity: > 90 %

## Target Details

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Target: HYAL2

Abstract: [HYAL2 Products](#)

Background: Recommended name: Hyaluronidase-2.  
Short name= Hyal-2.  
EC= 3.2.1.35.  
Alternative name(s): Hyaluronoglucosaminidase-2

UniProt: [Q8SQG8](#)

Pathways: [Transition Metal Ion Homeostasis, Glycosaminoglycan Metabolic Process](#)

## Application Details

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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 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.

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

## Handling

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Storage: -20 °C

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