Datasheet for ABIN1618538

# Hexosaminidase A Protein (HEXA) (AA 89-529) (His tag)

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## Overview

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| Quantity: | 1 mg |
| Target: | Hexosaminidase A (HEXA) |
| Protein Characteristics: | AA 89-529 |
| Origin: | Cow |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This Hexosaminidase A protein is labelled with His tag. |
| Application: | ELISA |

## Product Details

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| Sequence: | TS EKNSLVVLVV TPGCDQFPSL GSVENYTLTI NDEQSLLLSE TVWGALRGLE TFSQLIWRSP EGTFYVNKTD IEDFPRFPHR GLLLDTSRHY LPLASILDTL DVMAYNKFNV FHWHLVDDSS FPYESFTFPE LTKKGSYNPA THIYTAQDVK EVIEYARLRG IRVLAEFDTP GHTLSWGPGV PGLLTPCYSG SHPSGTFGPV NPALNNTYEF MSTFFLEIST VFPDFYLHLG GDEVDFTCWK SNPDIQAFMK KKGFGDDFKK LESFYIQTLL DIVSAYGKGY VVWQEVFDNK VKVRPDTIIQ VWREEIPVKY VKELALVTRA GFRALLSAPW YLNHITYGPD WKEIYLVEPL AFEGSPEQKA LVIGGEACMW GEYVDSTNLV PRLWPRAGAV AERLWSNKMV SNLDFAFKRL AHFRCELLRR GVQAQPLSVG YCDMEFEQT |
| 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. |

 

## Product Details

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| Purity: | > 90 % |

## Target Details

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| Target: | Hexosaminidase A (HEXA) |
| Alternative Name: | Beta-hexosaminidase subunit alpha (HEXA) (HEXA Products) |
| Background: | Recommended name: Beta-hexosaminidase subunit alpha.<br>EC= 3.2.1.52.<br>Alternative name(s): Beta-N-acetylhexosaminidase subunit alpha.<br>Short name= Hexosaminidase subunit A N-acetyl-beta-glucosaminidase subunit alpha |
| UniProt: | Q0V8R6 |
| Pathways: | Sensory Perception of Sound, 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 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

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

 