Datasheet for ABIN7587877

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

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Overview

Quantity:	100 µg
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

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

Purity:	> 90 %

Target Details

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

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

Handling

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