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Datasheet for ABIN1634914 Hexosaminidase A Protein (HEXA) (AA 89-529) (His tag)



Overview

Quantity:	1 mg		
Target:	Hexosaminidase A (HEXA)		
Protein Characteristics:	AA 89-529		
Origin:	Orang-Utan		
Source:	Yeast		
Protein Type:	Recombinant		
Purification tag / Conjugate:	This Hexosaminidase A protein is labelled with His tag.		
Application:	ELISA		
Product Details			
Sequence:	TL EKNVLVVSVV TPGCNQLPTL ESVENYTLTI NDDQCLLLSE TVWGALRGLE TFSQLVWKSA		
	EGTFFINKTE IEDFPRFPHR GLLLDTSRHY LPLSSILDTL DVMAYNKLNV FHWHLVDDPS		
	FPYESFTFPE LMRKGSYNPV THIYTAQDVK EVIEYARLRG IRVLAEFDTP GHTLSWGPGI		
	PGLLTPCYSG SEPSGTFGPV NPSLNNTYEF MSTFFLEVSS VFPDFYLHLG GDEVDFTCWK		
	SNPDIQDFMR KKGFGEDFKQ LESFYIQTLL DIVSSYGKGY VVWQEVFDNK VKIRPDTIIQ		
	VWREDIPVNY MKELELVTKA GFRALLSAPW YLNRISYGPD WKDFYVVEPL AFEGTPEQKA		
	LVIGGEACMW GEYVDNTNLV PRLWPRAGAV AERLWSNKLT SDLTFAYERL SHFRCELLRR		
	GVQAQPLNVG FCEQEFEQT		
Specificity:	Pongo abelii (Sumatran orangutan)		
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.		

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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:	Q5RC84	
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	

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Handling

	Storage:	-20 °C		
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Storage Comment:

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

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