Datasheet for ABIN1459859

Prosaposin Protein (PSAP) (AA 60-142) (His tag)

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Overview

Quantity:	1 mg
Target:	Prosaposin (PSAP)
Protein Characteristics:	AA 60-142
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Prosaposin protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	S LPCDICKDVI TAAGNLLKDN ATEQEILMYL ERTCDWLPKP NMSASCKEIV DSYLPVILDM IKGQMSHPGE VCSALNLCES LQ
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.
Purity:	> 90 %

Target Details

Target:	Prosaposin (PSAP)
Alternative Name:	Proactivator polypeptide (PSAP) (PSAP Products)

Target Details

Background:	Recommended name: Proactivator polypeptide Cleaved into the following 4 chains: 1. Saposin-A. Alternative name(s): Protein A Saposin-B. Alternative name(s): Cerebroside sulfate activator. Short name= CSAct Dispersin Sphingolipid activator protein 1. Short name= SAP-1 Sulfatide/GM1 activator Saposin-C. Alternative name(s): A1 activator Co-beta-glucosidase Glucosylceramidase activator Sphingolipid activator protein 2. Short name= SAP-2 Saposin-D. Alternative name(s): Component C Protein C
UniProt:	P26779
Pathways:	Positive Regulation of Endopeptidase Activity

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.