Datasheet for ABIN7586170

SMPD3 Protein (AA 1-655) (His tag)

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Overview

Quantity:	100 µg
Target:	SMPD3
Protein Characteristics:	AA 1-655
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SMPD3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MVLYTTPFPN SCLSALHAVS WALIFPCYWL VDRLVASFIP TTYEKRQRAD DPCYLQLFCT VLFTPVYLAL LVAALPFAFL GFIFWSPLQS ARRPYSYSRL EDKSPAGGAA LLSEWKGTGA GKSFCFATAN VCLLPDSLAR LNNVFNTQAR AKEIGQRIRN GAARPQIKIY IDSPTNTSIS AASFSSLVSP QGSDGARAVP GSIKRTASVE YKGDGGRHPS DEAANGPASG EQADGSLEDS CIVRIGGEEG GRAQEADDPA PGSQARNGAG GTPKGQTPNH NQRDGDSGSL GSPSASRESL VKARAGQDSG GSGEPGSNSK LLYKTSVVKK AAARRRRHPD EAFDHEVSAF FPANLDFLCL QEVFDKRAAA KLKEQLHGYF EYILYDVGVY GCHGCCNFKC LNSGLFFASR YPVMDVAYHC YPNGCSFDAL ASKGALFLKV QVGSTPQDQR IVGYIACTHL HAPPEDSAIR CEQLDLLQDW LADFRKSTSS TSTANPEELV VFDVICGDLN FDNCSSDDKL EQQHSLFTRY KDPCRLGPGE EKPWAIGTLL DINGLYDEDV CTPDNLQKVL ESEEGRREYL AFPTSKSPGA GQKGRKDLLK GNGRRIDYML HAEEGLCPDW KAEVEEFSFI TQLSGLTDHL PVAMRLMVSA GEEEA
Specificity:	Rattus norvegicus (Rat)

Product Details

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:	SMPD3
Abstract:	SMPD3 Products
Background:	Recommended name: Sphingomyelin phosphodiesterase 3. EC= 3.1.4.12. Alternative name(s): Confluent 3Y1 cell-associated protein 1 Neutral sphingomyelinase 2. Short name= nSMase-2. Short name= nSMase2 Neutral sphingomyelinase II
UniProt:	O35049
Pathways:	Hormone Transport

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

Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.