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Datasheet for ABIN1637845

**GM2A Protein (AA 24-190) (His tag)**

## Overview

Quantity:	1 mg
Target:	GM2A
Protein Characteristics:	AA 24-190
Origin:	Cynomolgus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GM2A protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	HLKKLGS FSWDNCDEGK DPAVIRSLTL EPDPILIPGN VTVSVVGSTS VLLSSPLKVE LVLEKEVAGL WIKIPCTDYI GSCTFEDFCD VLDMLIPTGE PCPEPLRTYG LPCHCPFKEG TYSLPKSEFV VPHLELP SWL TTGN YRIESI LSNRGKRLGC IKIAASLKG V
Specificity:	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

## Target Details

Target:	GM2A
Alternative Name:	Ganglioside GM2 activator (GM2A) ( <a href="#">GM2A Products</a> )

## Target Details

Background:	Recommended name: Ganglioside GM2 activator. Alternative name(s): Cerebroside sulfate activator protein GM2-AP Shingolipid activator protein 3. Short name= SAP-3
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UniProt: [Q8HXX6](#)

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