

## GM2A 抗原（重组蛋白）

中文名称： GM2A 抗原（重组蛋白）

英文名称： GM2A Antigen (Recombinant Protein)

别名： GM2 ganglioside activator; SAP-3; GM2-AP

相关类别： 抗原

储存： 冷冻（-20℃）

### 概述

Fusion protein corresponding to a region derived from 34-193 amino acids of human GM2A

### 技术规格

<b>Full name:</b>	GM2 ganglioside activator
<b>Synonyms:</b>	SAP-3; GM2-AP
<b>Swissprot:</b>	P17900
<b>Gene Accession:</b>	BC009273
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	This gene encodes a small glycolipid transport protein which acts as a substrate specific co-factor for the lysosomal enzyme beta-hexosaminidase A. Beta-hexosaminidase A, together with GM2 ganglioside activator, catalyzes the degradation of the ganglioside GM2, and other molecules containing terminal N-acetyl hexosamines. Mutations in this gene result in GM2-gangliosidosis type AB or the AB variant of Tay-Sachs disease. Alternative splicing results in multiple transcript variants.

