

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

Full name:	GM2 ganglioside activator
Synonyms:	SAP-3; GM2-AP
Swissprot:	P17900
Gene Accession:	BC009273
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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.

