

Recombinant Human GM2A

Catalog No: #GP12415



Package Size: #GP12415-1 100ug

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Description

Product Name	Recombinant Human GM2A
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 34-193 amino acids of human GM2A
Target Name	GM2 ganglioside activator
Other Names	SAP-3; GM2-AP
Accession No.	Swissprot:P17900Gene Accession:BC009273
Uniprot	P17900
GeneID	2760;
Storage	-20~-80°C, pH 7.6 PBS

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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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