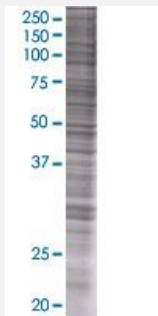


GM2A 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002760-T02

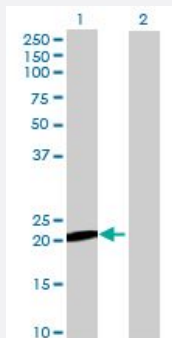
Size 100 uL

Applications



SDS-PAGE Gel

GM2A transfected lysate.



Western Blot

Lane 1: GM2A transfected lysate (21.34 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-GM2A full-length

Host Human

Theoretical MW (kDa) 21.34

Quality Control Testing Transient overexpression cell lysate was tested with Anti-GM2A antibody ([H00002760-B02](#)) by Western Blots.
SDS-PAGE Gel
GM2A transfected lysate.
Western Blot
Lane 1: GM2A transfected lysate (21.34 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — GM2A

Entrez GeneID[2760](#)**GeneBank Accession#**[NM_000405.3](#)**Protein Accession#**[NP_000396.2](#)**Gene Name**

GM2A

Gene Alias

SAP-3

Gene Description

GM2 ganglioside activator

Omim ID[272750](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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 A B or the AB variant of Tay-Sachs disease. [provided by RefSeq]

Other Designations

cerebroside sulfate activator protein|sphingolipid activator protein 3

Pathway

- [Lysosome](#)

Disease

- [Tobacco Use Disorder](#)