



Recombinant Human GM2A Protein Product Manual

1. Product Basic Information

Product No.: REP06996

Protein Name: Gm2-Activator Protein (GM2A)

Aliases: GM2AP; SAP-GM2-AP; GM2-activator protein; GM2 ganglioside activator; ganglioside GM2 activator

UniProt ID: P17900

UniProt Link: <https://www.uniprot.org/uniprotkb/P17900/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (32-193aa)

Molecular Weight: 33.6 kDa

Protein Tag: N-terminal 6xHis-SUMO-tagged

2. Amino Acid Sequence (32-193aa)

SSFWDNCDEGKDPVIRSLTLEPDPIIVPGNVTLSVMGSTSVPLSSPLKVDLVLEK
EVAGLWIKIPCTDYIGSCTFEHFCDVLDMLIPTGEPCEPLRTYGLPCHCPFKEGTY
SLPKSEFVVPDLELPSWLTTGNYRIESVLSSSGKRLGCIKIAASLKGI

3. Storage Buffer

Liquid Delivery Form: Tris-based buffer with 50% glycerol.

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.



5. Product Description

This product is a recombinant Human GM2A full length of mature protein protein (32-193aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. GM2A, also known as GM2AP or SAP-GM2-AP or GM2-activator protein, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.