

Human GM2A Recombinant Protein



RPPB3611

Product Information Protein Information

Product SKU:

RPPB3611

Accession:

P17900

Host:

Escherichia Coli.

Protein description:

GM2A Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (a.a 33-193) containing 170 amino acids including a 9 a.a N-terminal His tag. The total molecular mass is 18.7kDa (calculated).

Appearance:

Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Ganglioside GM2 activator, Cerebroside sulfate activator protein, GM2-AP, Sphingolipid activator protein 3, SAP-3, GM2A.

Formulation:

GM2A filtered (0.4 µm) and lyophilized from 0.5mg/ml in 0.05M Tris buffer and 0.1M NaCl, pH-8.0.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. GM2A is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Stability:

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Amino Acid Sequence:

MKHHHHHHAS FSWDNCDEGK DPAVIRSLTL EPDPIIVPGN VTLSVMGSTS VPLSSPLKVD LVLEKEVAGL
WIKIPCTDYI GSCTFEHFCD VLDMLIPTGE PCPEPLRTYG LPCHCPFKEG TYSLPKSEFV VPDLELPSWL
TTGNRYIESV LSSSGKRLGC IKIAASLKI.