

Recombinant Human GM2A Protein, His-tagged

Cat. No. GM2A-521H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GM2A Protein(AAA35907.1) (Met 1-Ile 193) was expressed in Insect Cells, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-193 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly.
Molecular Mass	The secreted recombinant human GM2A (pro form) comprises 180 amino acids and has a predicted molecular mass of 19.8 kDa. The apparent molecular mass of rh GM2A is approximately 25 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 96 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name GM2A GM2 ganglioside activator [Homo sapiens]

Official Symbol GM2A

Synonyms GM2A; GM2 ganglioside activator; GM2 ganglioside activator protein; ganglioside GM2 activator; cerebroside sulfate activator protein; SAP 3; sphingolipid activator protein 3; shingolipid activator protein 3; SAP-3; GM2-AP;

Gene ID 2760

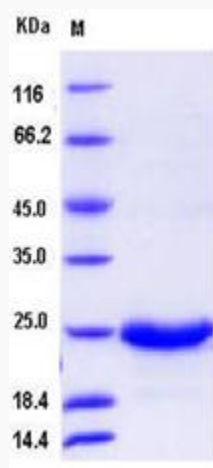
mRNA Refseq NM_000405

Protein Refseq NP_000396

MIM 613109

UniProt ID P17900

SDS-PAGE



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