

Recombinant Human GM2A protein, His-SUMO-tagged

Cat. No. GM2A-2972H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GM2A protein(P17900)(32-193aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	32-193aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	33.6
AA Sequence	SSFSWDNCDEGKDPVIRSLTLEPDPIIVPGNVTLSVMGSTSVPLSSPLKVDLVLEKE VAGLWIKIPCTDYIGSCTFEHFCDVLDMLIPTGEPCEPLRTYGLPCHCPFKEGTYSL PKSEFVVPDLELPSWLTTGNYRIESVLSSSGKRLGCICKIAASLKG
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	GM2A GM2 ganglioside activator [Homo sapiens]
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Official Symbol	GM2A
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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;
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Gene ID	2760
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mRNA Refseq	NM_000405
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Protein Refseq	NP_000396
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MIM	613109
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UniProt ID	P17900
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