

GM2 Ganglioside Activator Recombinant Protein | GM2A recombinant protein

Recombinant GM2 Ganglioside Activator (GM2A)

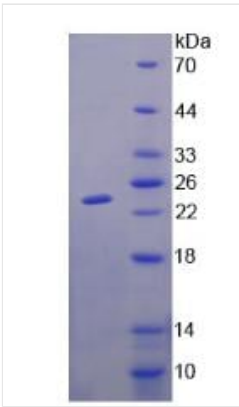
CATALOG # AAA143947	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

GM2 Ganglioside Activator; Recombinant GM2 Ganglioside Activator (GM2A); GM2A recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag. Its sequence is listed below. HLKKPSQL SSFSWDNCDE GKDPVIRSL TLEPDPIVP GNVTL SVMGS TSVPLSSPLK VDLVLEKEVA GLWIKIPCTD YIGSCTFEHF CDVLDMLIPT GEPCPEPLRT YGLPCHCPFK EGTYSLPKSE FVVPDLELPS WLTTGNYRIE SVLSSSGKRL GCIIAASLK GI
Sequence Length	193
Applicable Applications for GM2A recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	22.2kDa
Accurate Molecular Mass (KD)	24kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	N-terminal His-Tag, T7 tag
Organism Species	Homo sapiens (Human)
Fragment	Ile22~Pro99
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



Sequence

HLKKPSQ LSSFSWDCD EGKDPVIRS
LTLEPDPIIV PGNVTLVVG STSVPLSSPL KVDLVLEKEV AGLWIKIPCT
DYIGSCTFEH FCDVLDMLIP TGEPCPEPLR TYGLPCHCPF KEGTYSLPKS
EFVVPDLELP SWLTGNYRI ESVLSSSGKR LGCIKIAASL KGI

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	39995109
NCBI GeneID	2760
NCBI Accession #	NP_000396.2
NCBI GenBank Nucleotide #	NM_000405.4
Molecular Weight	20,838 Da
NCBI Official Full Name	ganglioside GM2 activator isoform 1
NCBI Official Synonym Full Names	GM2 ganglioside activator
NCBI Official Symbol	GM2A
NCBI Official Synonym Symbols	SAP-3; GM2-AP
NCBI Protein Information	ganglioside GM2 activator
UniProt Protein Name	Ganglioside GM2 activator
UniProt Gene Name	GM2A
UniProt Synonym Gene Names	SAP-3
UniProt Entry Name	SAP3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.