

Gelonin Protein | GEL protein

Gelonin

CATALOG #
AAA77035

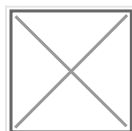
PRODUCT SYNONYMS

Gelonin; GEL protein

PRODUCT SPECIFICATIONS

Purity/Purification	≥95%
Form/Format	Liquid. In 5mM phosphate buffer, pH6.5, containing 5mM EDTA and 120mM sodium chloride
Concentration	~2mg/ml (varies by lot)
Source Note	Isolated from Gelonium multiflorum
CAS Number	75037-46-6
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	For long term storage, store at -80°C Shipping: Shipped on Dry Ice

IMAGES



SDS-PAGE

Figure: SDS-PAGE (12% polyacrylamide) Lane 1: Gelonin, 5µg Lane 2: Proteinmarker (200-6,5 kDa)

ADDITIONAL INFORMATION

Related Product Information for GEL protein	Type I ribosome inactivating protein (RIP). Depurinates RNA in ribosomes, thus inhibiting protein synthesis in eukaryotic cells, which results in cell death. Widely used to construct immunotoxins composed of cell-targeted antibodies. As a type I RIP it lacks the lectin subunit and is practically non-toxic to intact cells. Inhibits cell-free protein synthesis in reticulocyte assay with globin messenger (IC50=4.5ng/ml).
Product Categories/Family for GEL protein	Small Molecule Chemistry ; Antitumor Agents

NCBI AND UNIPROT INFORMATION

NCBI GI #	1172935
UniProt Accession #	P33186
Molecular Weight	~30kDa
NCBI Official Full Name	Ribosome-inactivating protein gelonin
UniProt Protein Name	Ribosome-inactivating protein gelonin

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/protein/gelonin/77035>