



Recombinant *Saponaria officinalis* Ribosome-inactivating protein saporin-7 (SAP7)

Product Code	CSB-MP670343SCG
Abbreviation	SAP7
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q41391
Product Type	Recombinant Protein
Immunogen Species	<i>Saponaria officinalis</i> (Common soapwort) (<i>Lychnis saponaria</i>)
Purity	≥85% (SDS-PAGE)
Sequence	VTSITL DLVN PTAGQYSSFV DKIRNNVKDP NLKYGGTDIA VIGPPSKEKF LRINFQSSRG TVSLGLKRDN LYVVAYLAMD NTNVRAYYF RSEITSAELT ALFPEATTAN QKALEYTEDY QSIEKNAQIT QGDKSRKELG LGIDLLLTSM EAVNKKARVV KNEARFLIA IQMTAEAARF RYIQLNVIKN FPNKFNSNK VIQFEVNWKK ISTAIYGDAK NGVFNKDYDF GFGKVRQVKD LQMGLLMYLG KPK
Source	Mammalian cell
Target Names	SAP7
Protein Names	Recommended name: Ribosome-inactivating protein saporin-7 Short name= SAP-7 Short name= SO-7 EC= 3.2.2.22 Alternative name(s): rRNA N- glycosidase
Expression Region	1-253
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.