

Sapoin-C Recombinant Protein | PSAP recombinant protein

Recombinant Guinea pig Sapoin-C (PSAP)

CATALOG # AAA114153	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Sapoin-C; Recombinant Guinea pig Sapoin-C (PSAP); Co-beta-glucosidase; Glucosylceramidase activator; Sphingolipid activator protein 2; SAP-2; PSAP recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-81aa;Full Length
Sequence	ESVTCKACEY VVKKVMELID NNRTEEKIIH ALDSVCALLP ESVSEVCQEV VDTYGDSIVA LLLQEMSPEL VCSELGLCMS G
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for PSAP recombinant protein	Sapoin-A and sapoin-C stimulate the hydrolysis of glucosylceramide by beta-glucosylceramidase (EC 3. 2. 1. 45) and galactosylceramide by beta-galactosylceramidase (EC 3. 2. 1. 46). Sapoin-C apparently acts by combining with the enzyme and acidic lipid to form an activated complex, rather than by solubilizing the substrate.
Product Categories/Family for PSAP recombinant protein	Metabolism
References	The activator protein for glucosylceramide beta-glucosidase from guinea pig liver. Improved isolation method and complete amino acid sequence.Sano A., Radin N.S., Johnson L.L., Tarr G.E.J. Biol. Chem. 263:19597-19601(1988)

NCBI AND UNIPROT INFORMATION

NCBI GI #	134217
UniProt Accession #	P20097
Molecular Weight	10.9 kDa
NCBI Official Full Name	Saposin-C
UniProt Protein Name	Saposin-C
UniProt Gene Name	PSAP
UniProt Synonym Gene Names	SAP-2
UniProt Entry Name	SAP_CAVPO

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.

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Online datasheet: <https://www.aaabiotech.com/psap-recombinant-protein-e-coli/114153>