Product Manual

Product name: Recombinant human saposin A
Catalog # SAPA-301

Product details:
Recombinant human saposin A is produced in *E. coli* as an N-terminal His-tag fusion and purified by proprietary chromatographic techniques with subsequent removal of the tag through a site-specific proteolytic cleavage. Saposins are glycosylated in a native state; however, non-glycosylated recombinant saposins produced in *E. coli* retain their respective activation effects in functional *in vitro* assays (1). Saposins are used as scaffolding proteins in a versatile lipid nanoparticle system to reconstitute membrane proteins in a lipid environment (2, 3).

Saposin A sequence
SMGSLPCDICKDVVTAAGDMKDNATEEILVYLEKTCWDLPNMSASCEIVDSYLPVILDIKGEMSRPGEVCSALNLCE

Storage buffer: 50 mM Tris-HCl, pH 7.5, 50 mM NaCl, and 50% Glycerol.
Concentration: 1.0 mg/mL by A280 (E1%0.86)
Purity: >90% by Coomassie staining

Storage is recommended at -20°C for longer periods of time.

This product is for laboratory research use only.

References