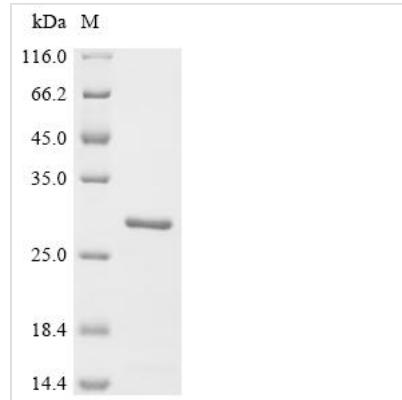




Recombinant *Shigella flexneri* Peptidoglycan-associated lipoprotein (pal)

Product Code	CSB-EP364258S2B
Abbreviation	Recombinant <i>Shigella flexneri</i> pal protein
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.	P0A914
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Product Type	Recombinant <i>Macaca mulatta</i> Solute carrier family 10 member 1 (SLC10A1)-VLPs
Immunogen Species	<i>Shigella flexneri</i>
Sensitivity	Not Test
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	CSSNKNASNDGSEGMLGAGTGMDANGGNGNMSSEEQARLQMQLQQNNIV YFDLDKYDIRSDFAQMLDAHANFLRSNPSYKVTVEGHADERGTPEYNISLGER RANAVKMYLQKGKGVSAADQISIVSYGKEKPAVLGHDEAAYSKNRRAVLVY
Research Area	Others
Source	<i>E.coli</i>
Target Names	pal
Expression Region	22-173aa
Notes	The VLPs are expressed from human 293 cells (HEK293). Mix the sample gently by repeatedly pipetting it up and down. Do not vortex. Repeated freezing and thawing is not recommended. Store the protein at -20°C/-80°C upon receiving it, and ensure to avoid repeated freezing and thawing, otherwise, it will affect the protein activity. The immunization strategy should be optimized (antigen dose, regimen and adjuvant).
Tag Info	C-terminal 6xHis-tagged
Mol. Weight	23.5 kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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. Aliquot for long-term storage at -80°C. Solubilize for 60 minutes at room temperature with occasional gentle mixing. Avoid vigorous shaking or vortexing.

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.