



# Recombinant Bovine Rhodopsin (RHO)-VLPs

<b>Product Code</b>	CSB-MP019681BO
<b>Storage</b>	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.
<b>Uniprot No.</b>	P02699
<b>Form</b>	Lyophilized powder
<b>Storage Buffer</b>	Lyophilized from PBS, 6% Trehalose, pH 7.4.
<b>Product Type</b>	Recombinant Bovine Rhodopsin (RHO)-VLPs
<b>Immunogen Species</b>	Bos taurus (Bovine)
<b>Sequence</b>	MNGTEGPNFYVPFSNKTGVVRSPEAPQYYLAEPWQFSMLAAYMFLIMLGF PINFLTLYVTVQHKKLRTPLNILLNLAVADLFMVFGGFTTTLTSLHGYFVFGP TGCNLEGFFATLGGEIALWVSLVLAIERVYVVCKPMSNFRFGENHAIMGVAFT WVMALACAAPPLVGWSRYIPEGMQCSCGIDYYTPHEETNNESFVIYMFVVHFII PLIVIFFCYGQLVFTVKEAAAQQQESATTQKAEKEVTRMVIIMVIAFLICWLPYA GVAFYIFTHQGSDFGPIFMTIPAFFAKTSAVYNPVIYIMMNKQFRNCMVTTLCC GKNPLGDDEASTTVSKTETSQVAPA
<b>Research Area</b>	Signal Transduction
<b>Source</b>	Mammalian cell
<b>Target Names</b>	RHO
<b>Expression Region</b>	1-348aa
<b>Notes</b>	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).
<b>Tag Info</b>	C-terminal 10xHis-tagged If you have specified tag type, please tell us and we will check if it's possible to develop.
<b>Protein Length</b>	Full Length
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.