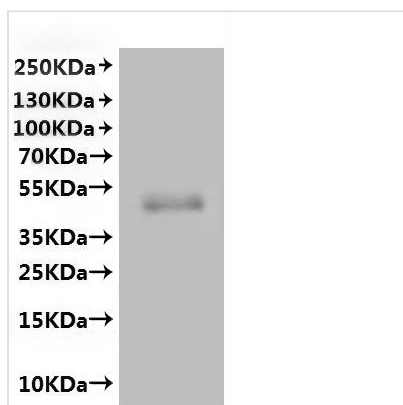


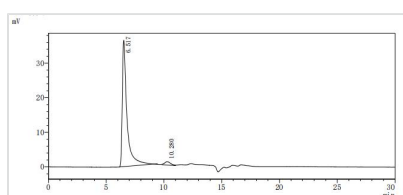


Recombinant Human Gap junction alpha-1 protein (GJA1)-VLPs

Product Code	CSB-MP009443HU(A4)
Abbreviation	Recombinant Human GJA1 protein-VLPs
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.	P17302
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered PBS, 6% Trehalose, pH 7.4.
Product Type	Recombinant Human Gap junction alpha-1 protein (GJA1)-VLPs
Immunogen Species	Homo sapiens (Human)
Sensitivity	Not Test
Purity	≥ 95% as determined by SEC-HPLC.
Sequence	MGDWSALGKLLDKVQAYSTAGGK VWLSVLFIFRILL LGTAVESAWGDEQSAFR CNTQQPGCENV CYDKSFPISHVRFWVLQIIFVSVPTLLYLAHV FYVMRKEEKL N KKEEELKVAQTDGVNVDMHLKQIEIKFKYGIEEHGKVKMRGG LLRTYIISILFK SIFEVAFLLIQWYIYGFSLSAVYTCKRDPCPHQVDCFLSRPTEKTIFIIFMLVVS L VSLALNIIELFYVFFKGVKDRVKGKSDPYHATSGALSPAKDCGSQKYAYFNGC SSPTAPLSPMSPPGYKLVTGDRNNSSCRNYNKQASEQNWANYSAEQNRMG QAGSTISNSHAQPFDFPDDNQNSKKLAAGHELQPLAIVDQRPSSRASSRASSR PRPDDLEI
Research Area	Signal Transduction
Source	Mammalian cell
Target Names	GJA1
Expression Region	1-382aa
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 10xHis-tagged
Mol. Weight	44.4 kDa
Protein Length	Full Length
Image	



CSB-MP009443HU(A4) is detected by Mouse anti-6*His monoclonal antibody.



The purity of VLPs was greater than 95% as determined by SEC-HPLC

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.