



# Recombinant Human Metalloreductase STEAP2 (STEAP2)-VLPs

<b>Product Code</b>	CSB-MP854119HU
<b>Abbreviation</b>	Recombinant Human STEAP2 protein-VLPs
<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>	Q8NFT2-1
<b>Form</b>	Lyophilized powder
<b>Storage Buffer</b>	Lyophilized from a 0.2 μm filtered PBS, 6% Trehalose, pH 7.4.Reconstitution: We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein indeionized sterile water to a concentration
<b>Product Type</b>	Recombinant Human Metalloreductase STEAP2 (STEAP2)-VLPs
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Sensitivity</b>	Not Test
<b>Purity</b>	≥ 95% as determined by SEC-HPLC.
<b>Sequence</b>	MESISMMGSPKSLSETFLPNGINGIKDARKVTVGVIGSGDFAKSLTIRLIRCGYH VVIGSRNPKFASEFFPHVVDVTHHEDALTKTNIIFVAIHREHYTSLWDLRHLLVG KILIDVSNMRINQYPESNAEYLAFLPDSLIVKGFNVVSAWALQLGPKDASRQ VYICSNNIQARQQVIELARQLNFIPIDLGSLSSAREIENLPLRFLTLWRGPVVVAI SLATFFFLYSFVRDVIHPYARNQQSDFYKIPIEIVNKTLPIVAITLLSLVYLAGLLA AAYQLYYGTKYRRFPPWLETWLQCRKQLGLLSFFFAMVHVAYSCLCLPMRRE RYLFLNMAYQQVHANIENSWNEEEVWRIEMYISFGIMSLGLLSLLAVTSIPSVS NALNWREFSFIQSTLGYVALLISTFHVLIYGWKRAFEEYRFFYTPPNFVLALVL PSIVILGKILFLPCISRKLKRIKKGWEKSQFLEEGMGGTIPHVSPERVTVM
<b>Research Area</b>	Cancer
<b>Source</b>	Mammalian cell
<b>Target Names</b>	STEAP2
<b>Expression Region</b>	1-490aa
<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(This tag can be tested only under denaturing



conditions)

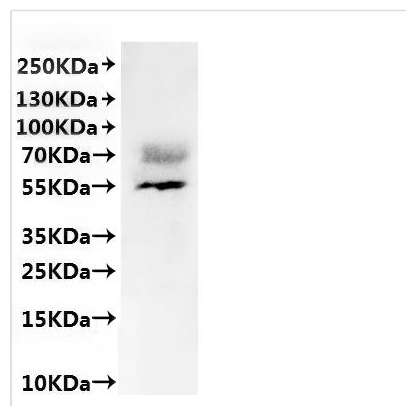
**Mol. Weight**

57.4 kDa

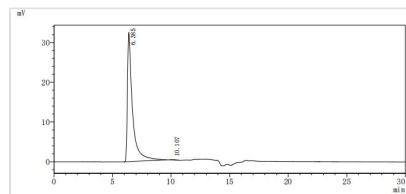
**Protein Length**

Full Length of Isoform 1

**Image**



CSB-MP854119HU 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. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

**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.