



Recombinant Human Neuronal acetylcholine receptor subunit alpha-4(CHRNA4)-VLPs

Product Code	CSB-MP005390HU(A4)
Abbreviation	Recombinant Human CHRNA4 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.	P43681
Form	Lyophilized powder
Storage Buffer	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 in deionized sterile water to a concentration
Product Type	Recombinant Human Neuronal acetylcholine receptor subunit alpha-4(CHRNA4)-VLPs
Immunogen Species	Homo sapiens (Human)
Sensitivity	Not Test
Purity	≥ 95% as determined by SEC-HPLC.
Sequence	HVETRAHAEERLLKFLSGYNKWSRPVANISDVVLVRFGLSIAQLIDVDEKNQM MTTNVWVKQEWHDYKLRWDPADYENVTSIRIPSELIWRPDIVLYNNADGDFAV THLTKAHLFHDGRVQWTPPAIYKSSCSIDVTFFPFDDQQNCTMKFGSWTYDKA KIDLVMHSRVDQLDFWESGEWVIVDAVGTYNTRKYECCAEIYPDITYAFVIRR LPLFYTINLIIPCLLISCLTVLVFYLPSECGEKITLCISVLLSLTVFLLLITEIIPSTSLVI PLIGEYLLFTMIFVTLISIVITVFLNVHHRSPRTHTMPTWVRRVFLDIVPRLLLMK RPSVVKDNCRRLLIESMHKMASAPRFWPEPEGEPPATSGTQSLHPPSPSFCVP LDVPAEPGPSCKSPSDQLPPQQPLEAEKASPHSPGPCRPPHGTQAPGLAKA RSLSVQHMSPPGEAVEGGVRCRSRSIQYCVPRDDAAPEADGQAAGALASRN THSAELPPDQPSPCKCTCKKEPSSVSPSATVKTRSTKAPPPHLPLSPALTRA VEGVQYIADHLKAEDTDFSVKEDWKYVAMVIDRIFLWMFIIVCLLGTVGLFLPP WLAGMI
Research Area	Neuroscience
Source	Mammalian cell
Target Names	CHRNA4
Expression Region	29-627aa
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

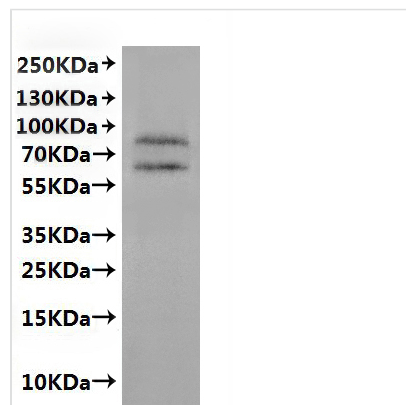
C-terminal 10xHis-tagged(This tag can be tested only under denaturing conditions)

Mol. Weight

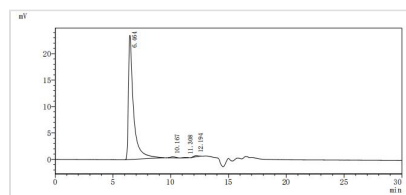
68.5 kDa

Protein Length

Full Length of Mature Protein

Image


CSB-MP005390HU(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. 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.