



Recombinant Rat Glutamate receptor ionotropic, NMDA 1 (Grin1)(F484A,T518A,R523A,W731A), partial-VLPs, Fluorescent

Product Code	CSB-MP009911RA2(M)
Abbreviation	Recombinant Rat Grin1 protein (F484A,T518A,R523A,W731A), partial, Fluorescent-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.	P35439
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 Rat Glutamate receptor ionotropic, NMDA 1 (Grin1)(F484A,T518A,R523A,W731A), partial-VLPs, Fluorescent
Immunogen Species	Rattus norvegicus (Rat)
Sensitivity	Not Test
Purity	≥ 95% as determined by SEC-HPLC.
Sequence	TRLKIVTIHQEPFVYVKPTMSDGTCKEEFTVNGDPVKKVICTGPNDTSPGSPRH TVPQCCYGFCIDLLIKLARTMNFYEVHLVADGKAGTQERVNNSNKKKEWNGM MGELLSGQADMIVAPLAINNEAAQYIEFSKPFKYQGLTILVKKEIPRSTLDSFMQ PFQSTLWLLVGLSVHVAVMLYLLDRFSPFGRFKVNSEEEEEEDALTSSAMWF SWGVLNLSGIGEGAPRSFSARILGMVWAGFAMIIVASYTANLAAFLVLD RPEER ITGINDPRLRNPSDKFIYATVKQSSVDIYFRRQVELSTMYRHMEKHNYESAAEA IQAVRDNKLHAFIADSAVLEFEASQKCDLVTGELFFRSGFGIGMRKDSPWKQ NVSLSILKSHENGFMEDLDKTWVRYQECDS
Research Area	Others
Source	Mammalian cell
Target Names	Grin1
Expression Region	396-800aa(F484A,T518A,R523A,W731A)
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).

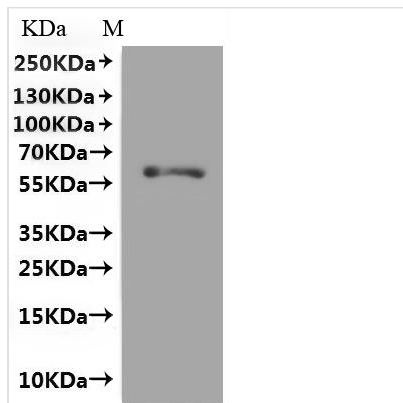


Tag Info C-terminal EGFP-tagged

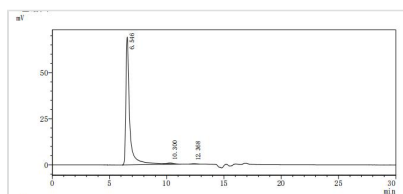
Mol. Weight 73.0 kDa

Protein Length Partial

Image



CSB-MP009911RA2(M) is detected by Mouse anti-GFP 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.