

Recombinant Enterobacteria phage MS2 Capsid Protein, His/Myc-tagged

Cat. No. Capsid-01E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Enterobacteria phage MS2 Capsid Protein (2-130aa) with N-terminal 10xHis-tagged and C-terminal Myc-tagged o was expressed in E. coli.
Species	Enterobacteria phage MS2
Source	E.coli
ProteinLength	2-130aa
Description	Capsid protein self-assembles to form an icosahedral capsid with a T=3 symmetry, about 26 nm in diameter, and consisting of 89 capsid proteins dimers (178 capsid proteins).
Form	Liquid or Lyophilized powder
Molecular Mass	21.2 kDa
AA Sequence	ASNFTQFVLVDNGGTGDVTVAPSNFANGVAEWISSNSRSQAYKVTCSVRQSSAQN RKYTIKVEVPKVATQTVGGVELPVAAWRSYLNELTIPIFATNSDCELVKAMQGLLK DGNPIPSAIAANSIY Note: The complete sequence including tag sequence, target protein sequence and linker sequence could be provided upon request.
Purity	> 85% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	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/-80 centigrade. The shelf life of lyophilized form is 12 months at -20/-80 centigrade.
Storage	Store at -20/-80 centigrade upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. Note: If you have any special requirement for the glycerol content, please remark when you place the order. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
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/-80 centigrade. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Official Symbol	CP
Synonyms	Capsid protein; CP; Coat protein
UniProt ID	P03612