



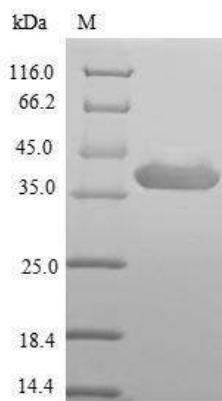
Gentaur

Recombinant Rotavirus A Outer capsid protein
VP4,partial,E.coli

Code

CSB-EP320838ROH

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Product Details

Purity

Greater than 90% as determined by SDS-PAGE.

Uniprot No.

[P11200](#)

Research Area

Others

Alternative Names

; Outer capsid protein VP4; Hemagglutinin) [Cleaved into: Outer capsid protein VP8*; Outer capsid protein VP5*]

Species

Rotavirus A (strain RVA/Human/United Kingdom/ST3/1975/G4P2A[6]) (RV-A) (Rotavirus A (strain St. Thomas 3))

Source

E.coli

Expression Region

247-479aa

Target Protein Sequence

AQVSEDIISKTSLWKEMQYNRDIIIRFKFNNSIIKLGGLGYKWSEISFKAANYQYNYLRDGEQVTAHTTCSVN
GVNNSFSYNGLLPTHFSISRVEVIKENSYYVVDYWDDSQAFRNMVYVRS LAANLNSVKCSGGNYNFQMP
VGAWPVMSGGAVSLHFAGVTLSTQFTDFVSLNSLRF RFSLTVEPPFSILRTRVSGLYGLPASNPNSGHEY YEI
AGRFSLISLVPSNDDY

Note: The complete sequence including tag sequence, target protein sequence and linker sequence could be provided upon request.

Mol. Weight

42.3kDa

Protein Length

partial

Tag Info

N-terminal 6xHis-SUMO-tagged

Form

Liquid or Lyophilized powder

Note: We will preferentially ship the format that we have in stock, however, if you have any special requirement for the format, please remark your requirement when placing the order, we will prepare according to your demand.

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 $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Storage Condition

Store at $-20^{\circ}\text{C}/-80^{\circ}\text{C}$ upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

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 $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. The shelf life of lyophilized form is 12 months at $-20^{\circ}\text{C}/-80^{\circ}\text{C}$.

Notes

Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Gentaur Molecular Products BVBA

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