

# Norovirus Group-2 P-Domain Recombinant Protein



RPPB5645

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## Product Information    Protein Information

**Product SKU:**

RPPB5645

**Host:**

Escherichia Coli.

**Protein description:**

The Recombinant Norovirus Group-2 Capsid P-Domain, E.Coli derived, VA387 Strain contains a.a. from 225-520 having a Mw of 30kDa. The protein is fused to a 6xHis tag at N-terminal and purified by chromatography techniques. P-domain (225-520 a.a.) forms P1- P2-P1 structure. P-domain has a receptor binding region to recognize human histo-blood group antigens (HBGAs). P-domain expressed in bacteria can spontaneously form a P dime and a P particle aggregated by 12 P dimmers. P-particle displays an enhanced binding activity to HBGAs higher than virus-like particle (VLP) formed by the full length capsid.

**Appearance:**

Sterile Filtered clear solution.

**Formulation:**

Phosphate buffer and 17mM K<sub>2</sub>CO<sub>3</sub>.

**Purity:**

Protein is >95% pure as determined by 12% PAGE (coomassie staining).

**Stability:**

The Recombinant Norovirus Group-2 P-Domain although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.