

Norovirus Group-1 P-Domain Recombinant Protein



RPPB5644

Product Information Protein Information

Product SKU:

RPPB5644

Host:

Escherichia Coli.

Protein description:

The Recombinant Norovirus Group-1 Capsid P-Domain, E.Coli derived, Norwalk 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 10 mM K₂CO₃.

Purity:

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

Stability:

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