



Recombinant Norovirus GII.4 VP1 [His] (DAGC763)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Product Overview | Human Norovirus GII.4 VP1 Recombinant Antigen, C-Terminal His-Tag |
| Species | Norovirus |
| Purity | > 90% (SDS-PAGE). Nickel Affinity Chromatography |
| Conjugate | His |
| Applications | LFIA, ELISA |
| Molecular Weight | 60.0 kDa |
| Format | Liquid |
| Size | 1 mg |
| Buffer | 50 mM Carbonate Buffered, pH 9.6 |
| Preservative | 0.02% Sodium Azide |
| Storage | Long term storage at -20°C. Aliquot to avoid multiple freeze/thaw cycles. |

BACKGROUND

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| Introduction | Norovirus VP1 protein is the capsid protein of Norovirus. It is a 59kD glycoprotein with three key domains. The shell domain (S domain) contains elements essential for the formation of the icosahedron. The Protruding domain (P domain) is divided into sub-domains P1 and P2. P domain interacts in dimeric contacts that increase the stability of the capsid and form the protrusions on the virion. A hypervariable region in P2 is thought to play an important role in |
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receptor binding and immune reactivity.

Keywords

Norovirus; NoV; Norovirus GII.4 VP1; Norovirus VP1; Norovirus GII.4
