



Recombinant Norovirus GII.17 VP1 [His] (DAGC764)

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

PRODUCT INFORMATION

Product Overview Human Norovirus GII.17 VP1 Recombinant Antigen, C-Terminal His-Tag

Species Norovirus

Purity > 90% (SDS-PAGE). Nickel Affinity Chromatography

Conjugate His

Applications LFIA, ELISA

Molecular Weight 60.5 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

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

receptor binding and immune reactivity.

Keywords

Norovirus; NoV; Norovirus GII.17 VP1; Norovirus VP1; Norovirus GII.17
