



Recombinant Norovirus GI.1 VP1 [His] (DAGC762)

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

PRODUCT INFORMATION

Product Overview	Human Norovirus GI.1 VP1 Recombinant Antigen, C-Terminal His-Tag
Species	Norovirus
Purity	> 90% (SDS-PAGE). Nickel Affinity Chromatography
Conjugate	His
Applications	LFIA, ELISA
Molecular Weight	57.0 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

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 GI.1 VP1; Norovirus VP1; Norovirus GI.1
