



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

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Human Norovirus GI.1 VP1 Recombinant Antigen, C-Terminal His-Tag
<b>Species</b>	Norovirus
<b>Purity</b>	> 90% (SDS-PAGE). Nickel Affinity Chromatography
<b>Conjugate</b>	His
<b>Applications</b>	LFIA, ELISA
<b>Molecular Weight</b>	57.0 kDa
<b>Format</b>	Liquid
<b>Size</b>	1 mg
<b>Buffer</b>	50 mM Carbonate Buffered, pH 9.6
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Long term storage at -20°C. Aliquot to avoid multiple freeze/thaw cycles.

## BACKGROUND

<b>Introduction</b>	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.

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**Keywords**

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

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