



# Recombinant Norovirus GI.3 (a.a. 1-545) VLP (DAGC756)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Recombinant norovirus-like particles. Particles are formed by expression of VP1 (Norovirus Hu/GI.3/JKPG_881/SWE/2007) in HEK293 cells, and are purified from the cytoplasm using a proprietary series of density gradients.
<b>Species</b>	Norovirus
<b>Purity</b>	Greater than 50% purity by SDS-PAGE.
<b>Conjugate</b>	TBD
<b>Applications</b>	SDS-PAGE
<b>Molecular Weight</b>	60 kDa
<b>Format</b>	Liquid
<b>Size</b>	100 µg, 500 µg
<b>Buffer</b>	Proprietary buffer
<b>Preservative</b>	None
<b>Storage</b>	Store at -80°C.

## 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
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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.

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**Keywords**

Norovirus; NoV; Norovirus GI.3 VLP; Norovirus GI.3 VLP; Norovirus GI.3; Norovirus VLP

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