



Recombinant Norovirus GII.10 (a.a. 1-548) VLP (DAGC759)

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

PRODUCT INFORMATION

Product Overview	Recombinant norovirus-like particles. Particles are formed by expression of VP1 (Human calicivirus NLV/Erfurt/546/00/DE) in HEK293 cells, and are purified from the cytoplasm using a proprietary series of density gradients.
Species	Norovirus
Purity	Greater than 50% purity by SDS-PAGE.
Conjugate	TBD
Applications	SDS-PAGE
Molecular Weight	60 kDa
Format	Liquid
Size	100 µg, 500 µg
Buffer	Proprietary buffer
Preservative	None
Storage	Store at -80°C.

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
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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.

Keywords

Norovirus; NoV; Norovirus GII.10 VLP; Norovirus GII.10 VLP; Norovirus GII.10; Norovirus VLP
