Recombinant Norovirus NoVGI_gp2 protein, His-tagged

Cat. No. NoVGI_gp2-248N **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The Recombinant Norovirus Group-1 Capsid, E.Coli derived, is a positive sense RNA virus with 7.5kb nucleotides, encoding a major structural protein VP1 with 58~60kDa and a VP2 protein. The full length of VP1 capsid protein is derived from the group 1 Norwalk virus. The protein is fused to a 6 His tag at N-terminal and purified by chromatography techniques.
Species	Norovirus
Source	E.coli
Description	Noroviruses are categorized into two groups - group 1 and group 2. Norovirus is a widespread virus which can cause human gastroenteritis, an illness characterized with symptoms such as abdominal pain, diarrhea, vomiting and sickness. In America there are about 20 million causes of infection by Nororvirus, 800 ending in deaths. Worldwide, this virus infects around 267 million people and causes over 200,000 deaths per year. Even though having norovirus is unpleasant, it is seldom dangerous and typically ends in full recovery after few days. The cases resulting in deaths are primarily very young, elderly and immuno-suppressed individuals and people from less developed countries. Norovirus is extremely contagious and is spread from person to person, by infected food or water or polluted surfaces. Outbreaks usually happen from November to April, peaking in January.
Form	Sterile Filtered clear solution. Phosphate buffer with 50mM arginine.

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Purity	Protein is >95% pure as determined by 12% PAGE (coomassie staining).
Usage	The products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.
Stability	The Recombinant Norovirus Group-1 although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
Shipping	Ice Packs
Full Length	Full L.

GENE INFORMATION

Gene Name	NoVGI_gp2 VP1 [Norovirus GI]
Official Symbol	NoVGI_gp2
Synonyms	NoVGI_gp2; VP1
Gene ID	1491972
Protein Refseq	NP_056821.2
UniProt ID	Q83884

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