

32-5639: Recombinant Norovirus Group-1 Capsid

Description

Source : Escherichia Coli. 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 His tag at N-terminal and purified by chromatography techniques. 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 Norovirus, 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.

Product Info

Amount :	0.5 mg
Purification :	Protein is >95% pure as determined by 12% PAGE (coomassie staining).
Content :	Phosphate buffer with 50mM arginine (0.78mg/1ml).
Storage condition :	The Recombinant Norovirus Group-1 although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.