



Recombinant Norovirus Capsid protein VP1 (ORF2)

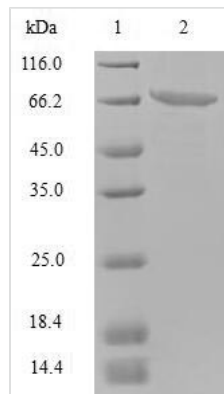
Product Code	CSB-MP767779NBAY
Relevance	Capsid protein self assembles to form an icosahedral capsid with a T=3 symmetry, about 38 nm in diameter, and consisting of 180 capsid proteins. A smaller form of capsid with a diameter of 23 nm might be capsid proteins assembled as icosahedron with T=1 symmetry. The capsid encapsulate the genomic RNA and VP2 proteins. Attaches virion to target cells by binding histo-blood group antigens present on gastroduodenal epithelial cells.
Abbreviation	Recombinant Norovirus ORF2 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q83884
Storage Buffer	Tris-based buffer, 50% glycerol
Product Type	Recombinant Proteins
Immunogen Species	Norovirus (strain Human/NoV/United States/Norwalk/1968/GI) (Hu/NV/NV/1968/US)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MMMASKDATSSVDGASGAGQLVPEVNASDPLAMDPVAGSSTAVATAGQVNP IDPWIINNFFVQAPQGEFTISPNNTPGDVLFDSLGLPHLNPFLHLSQMYNGWVG NMRVRIMLAGNAFTAGKIIVSCIPPGFGSHNLTIAQATLFPHVIADVRTLDPPIEV LEDVRNVLFHNNDRNQQTMRMLVCMLYTPLRTGGGTGDSFVVAGRVMTCPS DFNFLFLVPPTVEQKTRPFTLPNLPLSSLSNSRAPLPISSMGISPDNVQSVQFQ NGRCTLGDGRLVGTTTPVSLSHVAKIRGTSNGTVINLTELDGTDPFHPFEGPAPIGF PDLGGCDWHINMTQFGHSSQTQYDVDTTPTDFVPHLGSIQANGIGSGNYVGV LSWISPPSHPSGSQVDLWKIPNYGSSITEATHLAPSVYPPGFGEVLVFFMSKM PGPGAYNLPCLLPQEYISHLASEQAPTVEAALLHYVDPDTGRNLGEFKAYPD GFLTCVPNGASSGPQQLPINGVFVFVSWVSRFYQLKPVGTASSARGRLGLRR
Research Area	Others
Source	Mammalian cell
Target Names	ORF2
Protein Names	p59
Expression Region	1-530aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal Flag-Myc-tagged



Mol. Weight 59.6 kDa

Protein Length Full Length

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Shelf Life

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