



Recombinant Norovirus Capsid protein VP1 (ORF2)

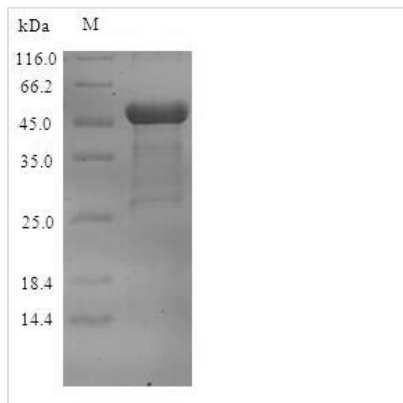
Product Code	CSB-YP767779NBAY
Relevance	Capsid protein self assembles to form an icosahedral capsid with a T=3 symmetry, about 38 nm in diameter, and consisting of 180 capsid proteins. A smaller form of capsid with a diameter of 23 nm might be capsid proteins assembled as icosahedron with T=1 symmetry. 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
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 IDPWIINNFFVQAPQGEFTISPNNTPGDVLFDLSLGPLNPFLLHLSQMYNGWVG NMRVRIMLAGNAFTAGKIIVSCIPPGFGSHNLTIAQATLFPHVIADVRLDPIEVP LEDVRNVLFHNNDRNQQTMRMLVCMPLYTPLRTGGGTGDSFVAGRVMTCPSP DFNFLFLVPPTVEQKTRPFTLPNLPLSSLSNSRAPLPISSMGISPDNVQSVQFQ NGRCTLDGRLVGTTTPVSLSHVAKIRGTSNGTVINLTELDGTFFHPFEGPAPIGF PDLGGCDWHINMTQFGHSSQTQYDVDTTPTDFVPHLGSIQANGIGSGNYVGV LSWISPPSHPSGSQVDLWKIPNYGSSITEATHLAPSVYPPGFGEVLVFFMSKM PGPGAYNLPCLLPQEYISHLASEQAPTVGEEALLHYVDPDTGRNLGEFKAYPD GFLTCVPNGASSGPQQLPINGVFVFSWVSRFYQLKPVGTASSARGRLGLRR
Research Area	Others
Source	Yeast
Target Names	ORF2
Protein Names	Recommended name: Capsid protein VP1 Short name= CPA Alternative name(s): p59 Cleaved into the following chain: 1. Soluble capsid protein Alternative name(s): Protein 30k Short name= p30
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	N-terminal 6xHis-tagged



Mol. Weight 58.6kDa

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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