

Rotavirus A Non-Structural Glycoprotein 4 Recombinant Protein | NSP4 recombinant protein

Recombinant Rotavirus A Non-Structural Glycoprotein 4, Partial

CATALOG # AAA235626	HOST Yeast
-------------------------------	----------------------

PRODUCT SYNONYMS

Rotavirus A Non-Structural Glycoprotein 4; Recombinant Rotavirus A Non-Structural Glycoprotein 4; Partial; NSP4 recombinant protein

PRODUCT SPECIFICATIONS

Host	Yeast
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	52-175aa; Partial
Sequence	PTMKIALKAS KCSYKVIKYC VVTIINTLLK LAGYKEQVTT KDEIEQQMDR IVKEMRRQLE MIDKLTTREI EQIELLKRIH DNLITRPVNV IDMSMEFNQK NIKTLDEWES RKNPYEPSEV TASM
Species	Rotavirus A (strain Human/United Kingdom/ST3/1975 G4-P2A[6]-I1-R1-C1-M1-A1-N1-T1-E1-H1) (RV-A) (Rotavirus A (strain St. Thomas 3))
Tag	N-terminal 6xHis-tagged
Subcellular Location	Non-structural glycoprotein 4: Host rough endoplasmic reticulum membrane, Single-pass type III membrane protein, Host membrane, host caveola, Single-pass type III membrane protein, Secreted
Protein Families	Rotavirus NSP4 family
Preparation and 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 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

ADDITIONAL INFORMATION

Related Product Information for NSP4 recombinant protein	Involved in virus morphogenesis. Functions as a receptor for the immature double-layered inner capsid particle (ICP) which transiently buds into the lumen of the rough endoplasmic reticulum during viral maturation (By similarity).
References	Group A human rotavirus genomics evidence that gene constellations are influenced by viral protein interactions.Heiman E.M., McDonald S.M., Barro M., Taraporewala Z.F., Bar-Magen T., Patton J.T.J. Virol. 82:11106-11116(2008).

NCBI AND UNIPROT INFORMATION

NCBI GI #	75567288
UniProt Accession #	Q82035
Molecular Weight	16.6 kDa
NCBI Official Full Name	Non-structural glycoprotein 4

UniProt Protein Name	Non-structural glycoprotein 4
UniProt Gene Name	NSP4
UniProt Synonym Gene Names	NSP4
UniProt Entry Name	NSP4_ROTHT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/nsp4-recombinant-protein-yeast/235626>