

Recombinant Full Length Turkey Astrovirus 2 Non-Structural Polyprotein 1Ab(Orf1) Protein, His-Tagged

Cat. No. RFL22407TF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Turkey astrovirus 2 Non-structural polyprotein 1AB(ORF1) Protein (Q9ILI5) (1052-1638aa), fused to N-terminal His tag, was expressed in E. coli.
Species	TAstV-2
Source	E.coli
ProteinLength	Full Length of Mature Protein (1052-1638)
Form	Lyophilized powder
AA Sequence	QRKPRACKWCGSSQKHDYRECRFQREKRFCVYCAAMHSMFEGHIRPIECTSCKKS FSGIE KLEDHVVS GECQKKLIEGPVTTKAPTVPDWLKI FAWEDDILPPEGKTALPEN VTLIGHI PVDKLVSR TKKVQDPLLGLVTPWKQDMYDSTTWTVKAYTKMFEKFHYHD PVDFVEQYAEF VLLCDNMVLREHDYMAN SNITPIMSTEKNVNSTPAYPKFQAYDSE AEYLED CGWQEYLDV VSDPETINRRPLWWCFLKNEVLKREKIEDSDIRMILCTDPIF TRIGAMFEQDQNNRMKQQ TEIRSAQVGWTPFFGGLDRRVRRLYGDGDRYFVEMD WTRYDGTIPKSLFWRIRQIRFFFL HDSHKTPKMRRLYNWYVKNLLEKIILLPTGEVCQ VKKGNPSGQFSTTV DNNMINVWL TTF EVSYLFFKQRGRLPTEKELQENCSMICYGD DRLLSIRKGFVEYEPDTVIDMYKNIFGMWV KRNNIKIQDTPEGLSFCGLTIVKSSTGA YVGVPNVNKILSTLENPVRRLPDVESLWGKLV SLRILCENAPSNVKHFLDEQISNVE EFAARENIQLPEVGPDFYSRIW
Purity	Greater than 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	ORF1
Synonyms	ORF1; Non-structural polyprotein 1AB
UniProt ID	Q9ILI5

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