9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-5681: Recombinant West Nile Envelope Virus

Description

Source : The E.Coli derived recombinant protein contains the West-Nile N-terminus Envelope Virus immunodominant regions. The protein is fused to a 6xHis tag. Mw~42kDa. West Nile virus (WNV) is a virus of the family Flaviviridae part of the Japanese encephalitis (JE) antigenic complex of viruses. Image reconstructions and cryoelectron microscopyreveal a 45-50 nm virion covered with a relatively smooth proteinsurface. This structure is similar to virus; both belong to the genus flavivirus within the family Flaviviridae. WNV is a positive-sense, single strand of RNA, it is between 11,000 and 12,000 nucleotides long which encode seven non-structural proteins and three structural proteins. The RNA strand is held within a nucleocapsid formed from 12 kDaprotein blocks; the capsid is contained within a host-derived membrane altered by two viral glycoproteins.

Product Info

Amount :	0.5 mg
Purification :	Protein is >95% pure as determined by SDS-PAGE.
Content :	(1mg/ml) 20mM Phosphate buffer pH 7.5.
Storage condition :	WNV Envelope although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
Amino Acid :	MQLKGTTYGV CSKAFKFLGT PADTGHGTVV LELQYTGTDG PCKVPISSVA SLNDLTPVGR LVTVNPFVSV ATANAKVLIE LEPPFGDSYI VVGRGEQQIN HHWHKSGSSI GKAFTTTLKG ALEMQLKGTT YGVCSKAFKF LGTPADTGHG TVVLELQYTG TDGPCKVPIS SVASLNDLTP VGRLVTVNPFV SVATANAKVL IELEPPFGDS YIVVGRGEQQI NHHWHKSGSS IGKAFTTTLK GALEMQLKGT TYGVCSKAFK FLGTPADTGH GTVVLELQYT GTDGPCKVPI SSVASLNDLT PVGRLVTVNP FVSVATANAK VLIELEPPFG DSYIVVGRGE QQINHHWHKS GSSIGKAFTT TLKGALEHHH HHH.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.