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

21-7002: Recombinant MPXV A29L Protein, C-term His (E. Coli)

Application : ELISA
Uniprot ID : NP_536566.1

Description

A29 is a surface envelope protein that is produced by the monkeypox virus A29L gene and is highly conserved in poxviruses. It is a homolog of vaccinia virus Copenhagen A27. The protein A29 consists of 110 amino acids and predicts a molecular mass of 14.4 kDa. The affinity with which protein A29 binds to heparin is equivalent to that of the protein VACV A27, indicating the adaptability of this motif or heparin- binding. According to an alignment of the amino acid sequences of vaccinia A27, MPXV A29, and other OPXV orthologs only four amino acids separate MPXV from all other Orthopox viruses.

Product Info

Amount :	10 µg / 50 µg
Purification :	greater than 95% by SDS-PAGE.
Content :	Lyophilized in PBS. Reconstitute with sterile water to desired concentration.
Storage condition :	Store the lyophilized protein at -20°C to -80°C for 12 months. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

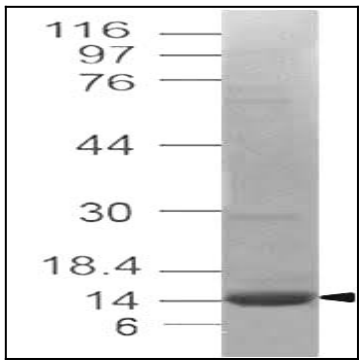

Figure1: Coomassie gel. Recombinant A29L protein (4 ug) was loaded in 4-20% SDS Page gel in reducing conditions.