

Datasheet for ABIN7273787

Type 1 Membrane Protein (A29) (AA 1-110) protein (His tag)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	Type 1 Membrane Protein (A29)
Protein Characteristics:	AA 1-110
Origin:	Mpox Virus
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag

Product Details

Purpose:	Monkeypox virus A29 Protein
Sequence:	Met1-Glu110
Characteristics:	Recombinant Monkeypox virus A29 Protein is expressed from E.coli with His tag at the N-Terminus.It contains Met1-Glu110.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	Type 1 Membrane Protein (A29)
Alternative Name:	A29

Target Details

Background:	Monkeypox virus (MPXV) is double-stranded DNA virus belonging to the genus orthopoxvirus that causes a smallpox-like disease in humans.
Molecular Weight:	13.65 kDa same as Tris-Bis PAGE result.
UniProt:	Q90188

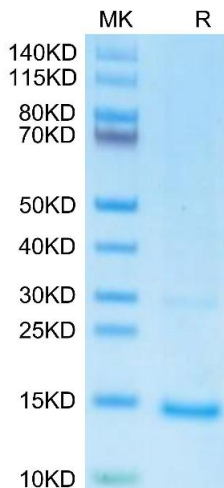
Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

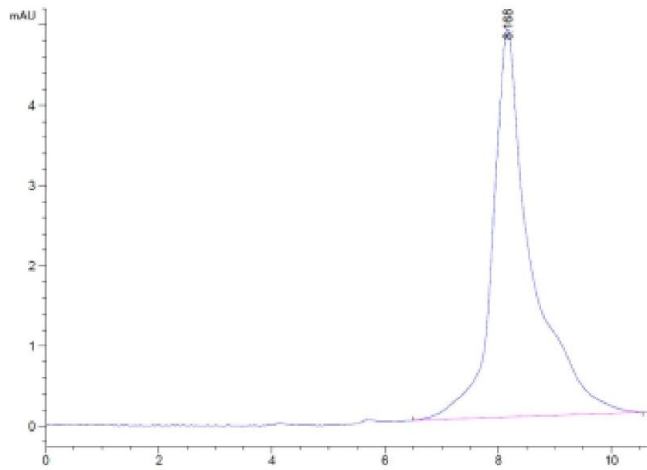
Format:	Liquid
Buffer:	Supplied as 0.22µm filtered solution in PBS, 350 mM NaCl, 200 mM L-arginine (pH 8.5).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

Images



SDS-PAGE

Image 1. undefined on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Monkeypox virus A29 is greater than 95 % as determined by SEC-HPLC.