

Product datasheet

Recombinant BK polyomavirus, strain AS, Major Capsid VP1 protein (Tagged) ab237745

3 Images

Description	
Product name	Recombinant BK polyomavirus, strain AS, Major Capsid VP1 protein (Tagged)
Purity	> 85 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>P03088</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Sequence	MAPTKRKGECPGAAPKKPKPEPVQVPKLLIKGGVEVLEVK TGVD AITEVEC FLNPEMGDPDENLRGFS LKLSAENDFSSDSPERKMLPCY STAR IPLPNLN EDLTCGNLLMWEAVTVQTEVIGITSMNLHAGSQKVHEHG GGKPIQGSNF HFFAVGGEPLEMQGVLMNYRSKYPDGTITPKNPTAQSQV MNTDHKAYLDK NNAYPVECWVPDPSRNENARYFGTFTGGENVPPVLHVTN TATTVLLDEQG VGPLCKADSLYVSAADICGLFTNSSGTQQWRGLARYFKIR LRKRSVKNPY PISFLLSDLINRRTQRVDGQPMYGMESQVEEV RVFDGTER LPGDPDMIRYIDKQGQLQTKML
Predicted molecular weight	45 kDa including tags
Amino acids	1 to 362
Tags	His tag N-Terminus
Additional sequence information	BK polyomavirus (BKPyV). N-terminal 10xHis-tag and C-terminal Myc-tag.

Specifications

Our **Abpromise guarantee** covers the use of **ab237745** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Mass Spectrometry SDS-PAGE
Mass spectrometry	LC-MS/MS
Form	Liquid

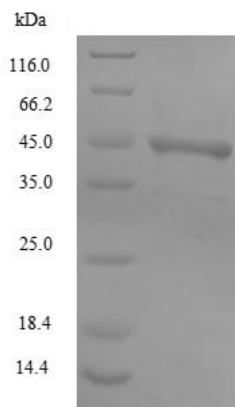
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 7.2 Constituents: Tris buffer, 50% Glycerol (glycerin, glycerine)
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General Info

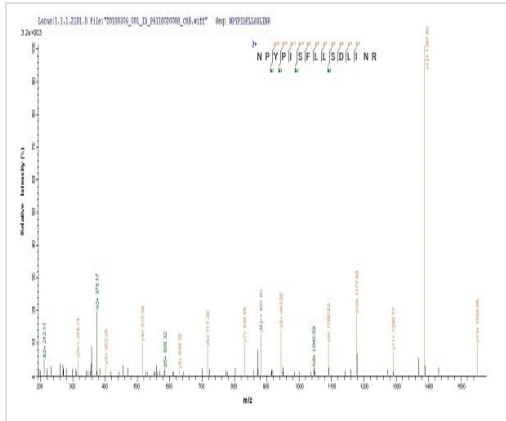
Relevance	BK polyomavirus was first isolated in 1971 in the urine of a renal transplant patient, initials B.K. BK polyomavirus, Major Capsid VP1 forms the icosahedral capsid of the virus protecting the viral genome. This capsid is composed of 360 VP1, assembled in 72 pentamers. Each pentamer are linked via the C-terminal end of VP1.
Cellular localization	Virion. Nucleus

Images



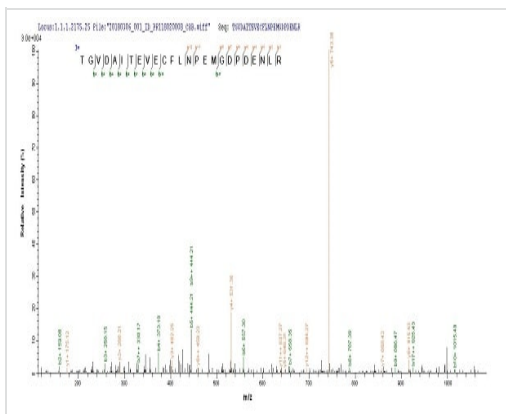
(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) analysis with 5% enrichment gel and 15% separation gel of ab237745.

SDS-PAGE - Recombinant BK polyomavirus, strain AS, Major Capsid VP1 protein (Tagged) (ab237745)



Mass Spectrometry - Recombinant BK polyomavirus, strain AS, Major Capsid VP1 protein (Tagged) (ab237745)

Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of ab237745 could indicate that this peptide derived from E.coli-expressed BK polyomavirus (BKPyV) (Human polyomavirus 1) Major Capsid VP1.



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Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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