

Product datasheet

Recombinant Matrix protein 1 (His tag) ab217650

1 Image

Description

Product name	Recombinant Matrix protein 1 (His tag)
Purity	> 95 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>ACP44152</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Sequence	MSLLTEVETYVLSIIPSGPLKAEIAQRLESVFAGKNTDLEAL MEWLKTRP ILSPLTKGILGFVFTLTVPSEGLQRRRFVQNALNGNGDPN NMDRAVKLY KKLKREITFHGAKEVSLSYSTGALASCMGLYNRMGTVTTE AAFGLVCAT CEQIADSQHRSHRQMATTNPLIRHENRMVLASTTAKAME QMAGSSEQAA EAMEVANQTRQMVHAMRTIGTHPSSSAGLKDDLLENLQA YQKRMGVQMQR FK
Predicted molecular weight	28 kDa
Amino acids	1 to 252
Tags	His tag C-Terminus
Additional sequence information	Influenza A virus (A/California/04/09) (H1N1) .

Specifications

Our **Abpromise guarantee** covers the use of **ab217650** in the following tested applications.

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

Applications SDS-PAGE

Form Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at -20°C. Avoid freeze / thaw cycle.

Constituent: 100% PBS

General Info

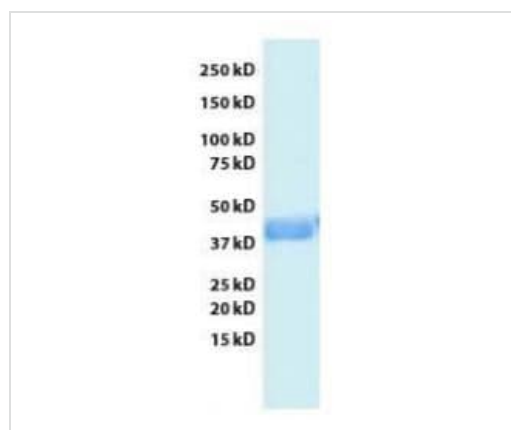
Relevance

Influenza virus type A matrix protein, also known as M1, is composed of a 252 amino acid sequence and is type-specific in influenza viruses. It is located inside the viral lipid envelope and plays a key role in virus assembly and replication. M1 can be isolated from particles by removing the envelope with detergents and reducing the pH to 4.0. Influenza viruses are a common and widely spread infectious agent. Like many other viruses, influenza virus are constantly undergoing mutations and thereby avoiding the immune system. The Influenza A Virus M proteins form a continuous shell on the inner side of the lipid bilayer, maintaining the structural integrity of the virus particle through hydrophobic interactions.

Cellular localization

Cytoplasmic

Images



10% SDS-PAGE analysis of ab217650.

SDS-PAGE - Recombinant Matrix protein 1 (His tag)
(ab217650)

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

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