

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	ACP44152	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Sequence	<pre>MSLLTEVETYVLSIIPSGPLKAEIAQRLESVFAGKNTDLEAL MEWLKTRP ILSPLTKGILGFVFTLVPSERGLQRRRFVQNALNGNGDPN NMDRAVKLY KKLKREITFHGAKEVSLSYSTGALASCMGLIYNRMGTVTTE AAFGLVCAT CEQIADSQHRSHRQMATTNPLIRHENRMVLASTTAKAME QMAGSSEQAA EAMEVANQTRQMVHAMRTIGTHPSSSAGLKDDLLENLQA YQKRMGVQMQR FK</pre>	
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

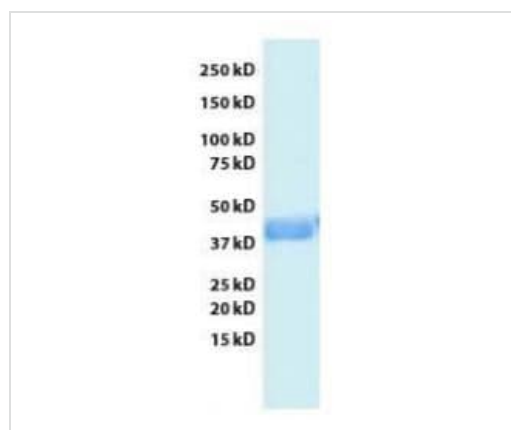
Relevance

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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- Response to your inquiry within 24 hours

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