

Product datasheet

Recombinant Human AIMP3/p18 protein ab106904

1 Image

Description

Product name	Recombinant Human AIMP3/p18 protein	
Purity	> 95 % SDS-PAGE. ab106904 is purified using conventional chromatography techniques.	
Expression system	Escherichia coli	
Accession	O43324	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	MGSSHHHHHHSSGLVPRGSHMAAAAELSLLEKSLGLSK GNKYSAQGERQI PVLQTNNGPSLTGLTTIAAHLVKQANKEYLLGSTAEEKAM QQWLEYRVT QVDGHSSKNDIHTLLKDLNSYLEDKVYLTGYNFTLADILLY GLHRFVD LTVQEKEKYLNVSRWFCHIQHYPGIRQHLSSVVFINKRLYT NSH	
Predicted molecular weight	22 kDa including tags	
Amino acids	1 to 174	
Tags	His tag N-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab106904** 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 Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.02% DTT, 0.32% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

General Info**Function**

Positive modulator of ATM response to DNA damage.

Tissue specificity

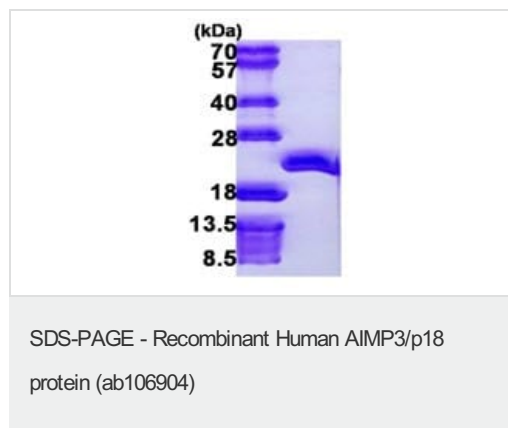
Down-regulated in various cancer tissues.

Sequence similarities

Contains 1 GST C-terminal domain.

Cellular localization

Cytoplasm. Nucleus. Cytoplasmic under growth arrest conditions. Translocated into the nucleus when growth resumes (S phase) and following DNA damage.

Images

15% SDS-PAGE showing ab106904 at approximately 21.9kDa (3µg).

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

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