

## Product datasheet

# Recombinant Human XTP3TPA protein ab119438

1 Image

### Description

<b>Product name</b>	Recombinant Human XTP3TPA protein	
<b>Purity</b>	> 90 % SDS-PAGE. ab119438 was purified using conventional chromatography techniques.	
<b>Expression system</b>	Escherichia coli	
<b>Accession</b>	<b><u>Q9H773</u></b>	
<b>Protein length</b>	Full length protein	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	MGSSHHHHHHSSGLVPRGSHMGSHMSVAGGEIRGDTGG EDTAAPGRFSFS PEPTLEDIRRLHAEFAAERDWEQFHQPRNLLLALVGEVG ELAELFQWKTD GEPGPQGWSRERAALQEELSDVLMVALAARCRVDLP LAVLSKMDINR RRYPAHLARSSSRKYTELPHGAISEDQAVGPADIPCDSTG QTST	
<b>Predicted molecular weight</b>	21 kDa including tags	
<b>Amino acids</b>	1 to 170	
<b>Tags</b>	His tag N-Terminus	

### Specifications

Our **Abpromise guarantee** covers the use of **ab119438** in the following tested applications.

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

<b>Applications</b>	SDS-PAGE Mass Spectrometry
<b>Mass spectrometry</b>	MALDI-TOF
<b>Form</b>	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: 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

## General Info

### Function

Hydrolyzes deoxynucleoside triphosphates (dNTPs) to the corresponding nucleoside monophosphates. Has a strong preference for modified dCTP. Activity is highest with 5-iodo-dCTP, followed by 5-bromo-dCTP, unmodified dCTP, 5-methyl-dCTP and 5-chloro-dCTP. Hydrolyzes 2-chloro-dATP and 2-hydroxy-dATP with lower efficiency, and has even lower activity with unmodified dATP, dTTP and dUTP (in vitro). Does not hydrolyze ATP, UTP, ITP, GTP, dADP, dCDP or dGTP. May protect DNA or RNA against the incorporation of non-canonical nucleotide triphosphates. May protect cells against inappropriate methylation of CpG islands by DNA methyltransferases.

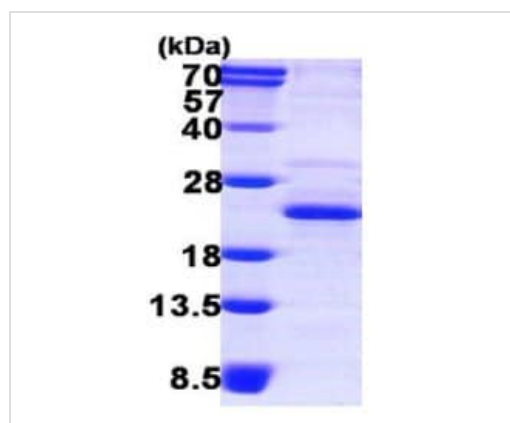
### Sequence similarities

Contains 1 EAR repeat.

### Cellular localization

Cytoplasm.

## Images



12% SDS-PAGE Coomassie gel showing [ab119348](#), 3µg.

SDS-PAGE - Recombinant Human XTP3TPA protein  
(ab119438)

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

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish

- Extensive multi-media technical resources to help you
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If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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