

Product datasheet

Recombinant Human MMP7 protein (denatured)  
ab202248

1 Image

Description

<b>Product name</b>	Recombinant Human MMP7 protein (denatured)	
<b>Purity</b>	> 90 % SDS-PAGE. Purified using conventional chromatography techniques.	
<b>Expression system</b>	Escherichia coli	
<b>Accession</b>	<a href="#">P09237</a>	
<b>Protein length</b>	Full length protein	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	<p>MYSLFPNSPK WTSKVVYTRI VSYTRDLPHI TVDRLVSKAL          NMWGKEIPLH FRKVVWGTAD IMIGFARGAH          GDSYPFDGPG NTLAHAFAPG TGLGGDAHFD          EDERWTDGSS LGINFLYAAT HELGHSLGMG          HSSDPNAVMY PTYGNGDPQN FKLSQDDIKG          IQKLYGKRSN SRKK</p>	
<b>Predicted molecular weight</b>	19 kDa	
<b>Amino acids</b>	95 to 267	
<b>Additional sequence information</b>	This product is for the mature full length protein. The signal peptide and propeptide are not included. NP_002414.	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab202248** 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
<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.

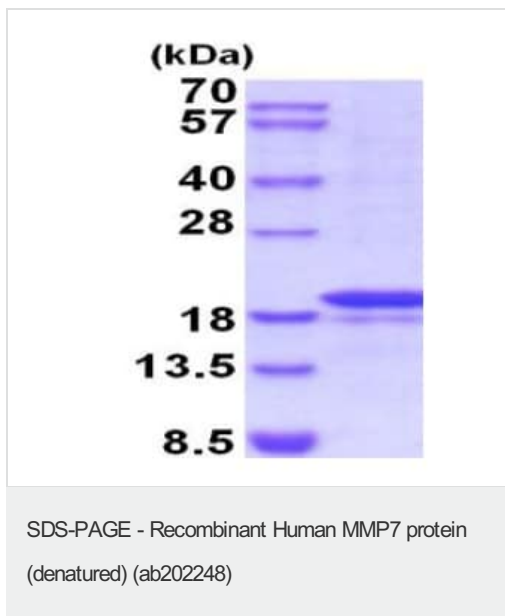
pH: 8.00

Constituents: 10% Glycerol (glycerin, glycerine), 0.24% Tris

## General Info

<b>Function</b>	Degrades casein, gelatins of types I, III, IV, and V, and fibronectin. Activates procollagenase.
<b>Sequence similarities</b>	Belongs to the peptidase M10A family.
<b>Domain</b>	The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc ion, thus inhibiting the enzyme. The dissociation of the cysteine from the zinc ion upon the activation-peptide release activates the enzyme.
<b>Cellular localization</b>	Secreted > extracellular space > extracellular matrix.

## Images



15% SDS-PAGE analysis of ab202248 (3µg).

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

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
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