

# Recombinant Mouse Transglutaminase 2 protein (His tag) ab196073

### Description

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<b>Product name</b>	Recombinant Mouse Transglutaminase 2 protein (His tag)
<b>Purity</b>	> 95 % SDS-PAGE. The purity of ab196073 is greater than 95%, as determined by SEC-HPLC and reducing SDS-PAGE.
<b>Endotoxin level</b>	< 1.000 Eu/ $\mu$ g
<b>Expression system</b>	HEK 293 cells
<b>Accession</b>	<b><u>P21981</u></b>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Mouse
<b>Sequence</b>	AEELLERC DLEIQANGRDHHTADLCQEKLVLRRGQRFRL TLYFEGRGYE ASVDSLTFGAVTGPDPSEEAGTKARFSLSDNVEEGSWS ASVLDQQDNVLS LQLCTPANAPIGLYRLSLEASTGYQGSSFVLGHFILLYNAW CPADDVYLD SEEERREYVLTQQGFYQGSVKFIKSVWNFGQFEDGILDT CLMLLDMNP KFLKNRSRDCSRRSPYVGRVVSAMVNCNDDQGVLGR WDNNYGDGISP MAWIGSVDILRRWKEHGCQVQYKQCWVFAAVACTVLR CLGIPTRVVTNY NSAHDQNSNLLIEYFRNEFGELESNKSEMWNFHCWVES WMTRPDLQPGY EGWQAIDPTPQEKSEGTYCCGPVSVRAIKEGDLSTKYDA PFVFAEVNADV VDWIRQEDGSVLKSNRSLVVGQKISTKSVGRDDREDITHT YKYPEGSPE EREVFTKANHLNKLAEKEETGVAMRIRVGDSMSGNDFD VFAHIGNDTSE TRECRLLLCARTVSYNGVLGPECGTEDINLTDPYSENSIP LRILYEKYS

GCLTESNLIKVRGLLIEPAANSYLLAERDLYLENPEIKIRVLG  
EPKQNRK  
LVAEVSLKNPLSDPLYDCIFTVEGAGLTKEQKSVEVSDPV  
PAGDLVKARV  
DLFPTDIGLHKLVVNFQCDKLSVKGYRNVIIIGPAVDHHHH  
HH

<b>Predicted molecular weight</b>	78 kDa including tags
<b>Amino acids</b>	2 to 686
<b>Tags</b>	His tag C-Terminus
<b>Additional sequence information</b>	Full length protein without the initiator methionine.

## Specifications

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Our **Abpromise guarantee** covers the use of **ab196073** 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>	HPLC SDS-PAGE
<b>Form</b>	Liquid

## Preparation and Storage

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<b>Stability and Storage</b>	Shipped on Dry Ice. Store at -20°C long term. Avoid freeze / thaw cycle. pH: 7.50 Constituents: 20% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, 0.32% Tris HCl  0.2 µM filtered solution.
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## General Info

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<b>Function</b>	Catalyzes the cross-linking of proteins and the conjugation of polyamines to proteins.
<b>Sequence similarities</b>	Belongs to the transglutaminase superfamily. Transglutaminase family.

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**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

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- 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
- We investigate all quality concerns to ensure our products perform to the highest standards

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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