

## Product datasheet

# Recombinant Human MAX protein ab95309

[1 References](#) [2 Images](#)

### Description

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<b>Product name</b>	Recombinant Human MAX protein
<b>Purity</b>	> 90 % SDS-PAGE. ab95309 is purified using conventional chromatography techniques.
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<b><u>P61244</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>	MSDNDDIEVE SDEEQPRFQS AADKRAHHNA LERKRRDHIK DSFHSLRDSV PSLQGEKASR AQILDKATEY IQYMRRKNHT HQQDIDDLKR QNALLEQQVR ALEKARSSAQ LQTNYPSSDN SLYTNAKGST ISAFDGGSDS SSESEPEEPQ SRKKLRMEAS LEHHHHHH
<b>Predicted molecular weight</b>	19 kDa
<b>Amino acids</b>	1 to 160
<b>Tags</b>	His tag C-Terminus

### Specifications

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Our **Abpromise guarantee** covers the use of **ab95309** 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>	Mass Spectrometry SDS-PAGE Western blot
<b>Form</b>	Liquid

### Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
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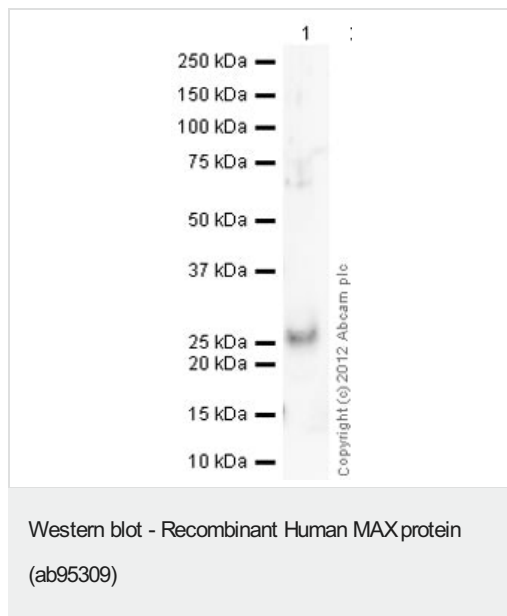
pH: 8.00

Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)

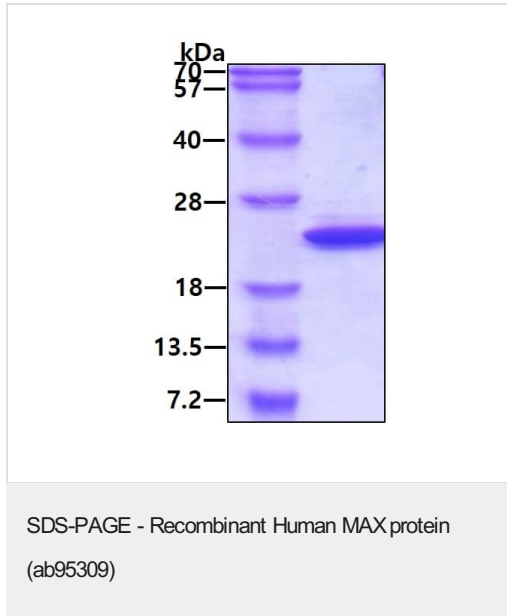
## General Info

<b>Function</b>	Transcription regulator. Forms a sequence-specific DNA-binding protein complex with MYC or MAD which recognizes the core sequence 5'-CAC[GA]TG-3'. The MYC:MAX complex is a transcriptional activator, whereas the MAD:MAX complex is a repressor. May repress transcription via the recruitment of a chromatin remodeling complex containing H3 'Lys-9' histone methyltransferase activity.
<b>Tissue specificity</b>	High levels found in the brain, heart and lung while lower levels are seen in the liver, kidney and skeletal muscle.
<b>Involvement in disease</b>	Pheochromocytoma
<b>Sequence similarities</b>	Belongs to the MAX family. Contains 1 bHLH (basic helix-loop-helix) domain.
<b>Post-translational modifications</b>	Reversible lysine acetylation might regulate the nuclear-cytoplasmic shuttling of specific Max complexes.
<b>Cellular localization</b>	Nucleus. Cell projection, dendrite.

## Images



Ab68578 recognizes the tagged recombinant MAX protein (ab95309) which has an expected molecular weight of 24 kDa.



SDS-PAGE analysis of ab95309 (3µg).

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

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