

## Product datasheet

# Recombinant *D. melanogaster* GAGA protein ab51306

[1 Image](#)

### Description

<b>Product name</b>	Recombinant <i>D. melanogaster</i> GAGA protein
<b>Purity</b>	> 95 % SDS-PAGE. GAGA-POZ domain was overexpressed in <i>E.coli</i> and purified by using conventional chromatography techniques.
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<b><u>Q08605</u></b>
<b>Protein length</b>	Protein fragment
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Drosophila melanogaster
<b>Sequence</b>	MSLPMNSLYS LTWGDYGTSL VSAIQLLRCH GDLVDCTLAA GGRSFPAHKI VLCAASPFL DLLKNTPCCKH PVVMLAGVNA NDLEALLEFV YRGEVSDHA QLPSLLQAAQ CLNIQGLAPQ TVTKDDYTTH
<b>Amino acids</b>	1 to 130
<b>Description</b>	Recombinant <i>D. melanogaster</i> GAGA protein

### Specifications

Our **Abpromise guarantee** covers the use of **ab51306** 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

<b>Stability and Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. pH: 7.40 Constituents: 0.238% HEPES, 0.145% Sodium chloride
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## General Info

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### Relevance

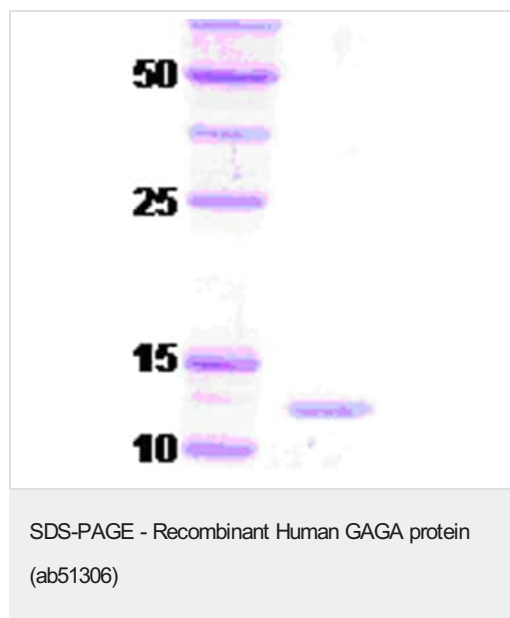
The GAGA factor is a sequence-specific DNA-binding protein, which participates in the regulation of the expression of a variety of different classes of genes in *Drosophila* such as many developmentally regulated genes, stress induced genes, and cell cycle regulated genes, as well as housekeeping genes. GAGA contains a C-terminal glutamine-rich domain and a highly conserved N-terminal POZ domain which reported to be involved in self-oligomerization in a number of other POZ domain containing proteins. In case of GAGA protein, the N-terminal POZ domain mediates the formation of oligomers both *in vitro* and *in vivo*.

### Cellular localization

Nuclear

## Images

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ab51306 in 14% SDS-PAGE

**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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