
Product Data Sheet

Product Name: GAGA-POZ
 Cat. No.: GP23530
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Transcription factor GAGA; Trithorax-like protein; GAGA factor; GAF; Adh transcription factor 2; Neural conserved at 70F; Trl; Adf-2; GAGA; Nc70F; TFGAGA; CG33261; GAGA-POZ.		
Amino Acid Sequence	MSLPMNSLYS LTWGDYGTSL VSAIQLLRCH GDLVDCTLAA GGRSFPAHKI VLCAASPFLDLLKNTPKKH PVVMLAGVNA NDLEALLEFV YRGEVSV DHA QLPSLLQAAQ CLNIQGLAPQTVTKDDYTTH.		
Formulation	The protein containing 10mM HEPES (pH-7.4) and 25mM NaCl.		

Introduction

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.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

GAGA-POZ *Drosophila Melanogaster* Recombinant produced in *E. Coli* is a single, non-glycosylated polypeptide chain containing 130 amino acids & having a molecular mass

Caution: Product has not been fully validated for medical applications. For research use only.

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