

Trl

Recombinant *Drosophila Melanogaster* GAGA-POZ

Catalog No.	CSI13070 CSI13071 CSI13072	Quantity:	10 µg 50 µg 1.0 mg
Alternate Names:	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.		
Description:	<p>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 <i>Drosophila</i> 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 <i>in vitro</i> and <i>in vivo</i>.</p> <p>GAGA-POZ <i>Drosophila Melanogaster</i> Recombinant produced in <i>E. Coli</i> is a single, non-glycosylated polypeptide chain containing 130 amino acids.</p>		
Physical Appearance:	Sterile filtered colorless solution.		
Gene ID:	2768981		
Source:	<i>E. coli</i>		
Molecular Mass:	14 kDa		
Formulation:	The protein containing 10 mM HEPES (pH-7.4) and 25 mM NaCl.		
Purity:	Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.		
Amino Acid Sequence:	MSLPMNSLYS LTWGDYGTSL VSAIQLLRCH GDLVDCTLAA GGRSFPAAHKI VLCAASPFLDLLKNTPKKH PVVMLAGVNA NDLEALLEFV YRGEVSVDHA QLPSLLQAAQ CLNIQGLAPQTVTKDDYTTH.		
Storage & 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.		

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