

Cat # RP-881

Recombinant Drosophila melanogaster GAGA-POZ

Size: 10 ug

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.

SOURCE:

GAGA-POZ Drosophila Melanogaster Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 130 amino acids & having a molecular mass of 14 kDa. The protein containing 10mM HEPES (pH-7.4) and 25mM NaCl.

APPLICATION AND SUGGESTED DILUTIONS:

Greater than 95.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE. Users must optimize the appropriate concentration and conditions for each assay.

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). If supplied in powder then reconstitute it in 100ul water for 1mg/mL stock and store in liquid at 4oC for ~ 1week or aliquots in suitable size and store at -20oC for long term storage.

USAGE:

This item is for LABORATORY RESEARCH USE ONLY.

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