

### 32-3859: GAGA-POZ Recombinant Protein

**Alternative Name :** 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

Source : Escherichia Coli. 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 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.

#### Product Info

**Amount :** 50 µg  
**Purification :** Greater than 95.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.  
**Content :** The protein containing 10mM HEPES (pH-7.4) and 25mM NaCl.  
**Storage condition :** 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.  
**Amino Acid :** MS L P M N S L Y S L T W G D Y G T S L V S A I Q L L R C H G D L V D C T L A A G G R S F P A H K I  
V L C A A S P F L L D L L K N T P C K H P V V M L A G V N A N D L E A L L E F V Y R G E V S V D H A Q L P S L L Q A A Q  
C L N I Q G L A P Q T V T K D D Y T T H.

