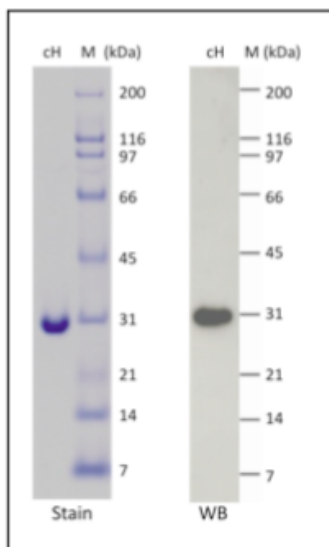


## *HMGI(From calf thymus)*

Catalog Number	Size
AG258-10	10µg
AG258-25	25µg
AG258-B	Bulk

### *Specifications and Use*

#### **Description**



High mobility group 1 (HMGI) is a highly conserved non- sequence-specific DNA-binding nuclear protein. Mammalian HMGI is composed with two homologous DNA-binding domains HMG boxes, A and B, a short basic region and an acidic C-terminal domain containing 30 consecutive Asp and Glu residues. Native HMGI was purified from calf thymus by the combination of conventional and FPLC chromatography methods to >95% homogeneity. It has been tested for its activity in different assays including in vitro transcription, gel mobility shift assay and TNF $\alpha$ -induction assay.

<b>Accession Number</b>	N/A
<b>Source</b>	Calf thymus
<b>Molecular Mass</b>	Approximately 30kDa.
<b>Purity</b>	$\geq 95\%$ , as determined by SDS-PAGE.
<b>Biological Activity</b>	Native HMGI protein is suitable for in vitro transcription, protein-protein and protein-DNA interactions, and other in vitro assays.
<b>Formulation</b>	20mM Tris-Cl, pH7.9, 20% glycerol, 100mM NaCl and 0.5mM EDTA. Sterilized by passing through a 0.2µm filter.
<b>Storage</b>	The protein sample can be stored under sterile conditions at 2-8°C for one month or at -20°C to -80°C for three months without detectable loss of activity.
<b>Special Notes</b>	<b>FOR RESEARCH USE ONLY</b>