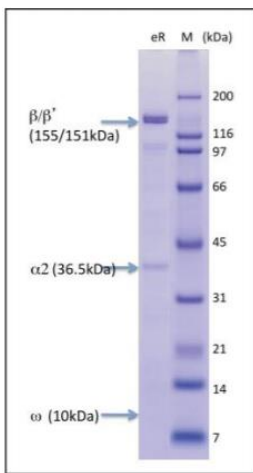


HMG1(Human Recombinant)

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

Specifications and Use

Description



High mobility group 1 (HMG1) is a highly conserved non- sequence-specific DNA-binding nuclear protein. Mammalian HMG1 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 HMG1 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 α -induction assay.

Accession Number

N/A

Source

Calf Thymus

Molecular Mass

Approximately 30kDa

Purity

≥95%, as determined by SDS-PAGE

Biological Activity

Native HMG1 protein is suitable for in vitro transcription, protein-protein and protein DNA interactions, and other in vitro assays.

Formulation

20mM Tris-Cl, pH7.9, 20% glycerol, 100mM NaCl and 0.5mM EDTA. Sterilized by passing through a 0.2 μ m filter.

Storage

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.

Special Notes

FOR RESEARCH ONLY