

Recombinant Mouse Hmgb1 Protein, MYC/DDK-tagged

Cat. No. Hmgb1-1134M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse high mobility group box 1 (cDNA clone MGC:117897 IMAGE:5036554), complete cds, with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	<p>This gene encodes a protein that belongs to the High Mobility Group-box superfamily. The encoded non-histone, nuclear DNA-binding protein regulates transcription, and is involved in organization of DNA. This protein plays a role in several cellular processes, including inflammation, cell differentiation and tumor cell migration. Multiple pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants that encode the same protein.</p>
Molecular Mass	24.9 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 g/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Hmgb1 high mobility group box 1 [*Mus musculus* (house mouse)]

Official Symbol Hmgb1

Synonyms Hmgb1; high mobility group box 1; p30; Hmg1; HMG-1; SBP-1; high mobility group protein B1; amphoterin; high mobility group protein 1

Gene ID 15289

mRNA Refseq NM_010439

Protein Refseq NP_034569

UniProt ID P63158

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