

CHAMOT

**重组人（哺乳动物细胞表达）高迁移率族蛋白B2
/Recombinant HMGB2, Human, Animal-Free**

CM178-5HP

CM178-20HP

CM178-100HP

CM178-500HP

CM178-1000HP



CHAMOT

乔默®生物

Specialize In Cytokines

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重组人（哺乳动物细胞表达）高迁移率族蛋白B2 /Recombinant HMGB2, Human, Animal-Free

产品编号	CM178-5HP	CM178-20HP	CM178-100HP	CM178-500HP	CM178-1000HP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

产品简介

背景描述

High Mobility Group protein B2, also known as HMGB2, is a member of the non-histone chromosomal high-mobility group protein family. HMGB2 is expressed 25 kDa containing 209 amino acid residues. The function of HMGB2 is involved in transcription, chromatin remodeling and V(D)J recombination. In vitro studies have demonstrated that this protein is able to efficiently bend DNA and form DNA circles .

别称

high mobility group box 2, HMG2

蛋白编码

P26583

分子量

The protein has a calculated MW of 35.57 kDa. The protein migrates as 35-48 kDa under reducing condition (SDS-PAGE analysis).

表达系统

HEK293

纯度

>98% as determined by SDS-PAGE.

生物活性

Testing in process

内毒素检测

<0.1 EU per 1 µg of the protein by the LAL method.

蛋白序列

MGKGDPNKPRGKMSSYAFFVQTCREEHKKKHPDSSVNFAEFSKKCSERWKTMSAKEKSKFED
MAKSDKARYDREMKNYVPPKGDKKGKKKDPNAPKRPPSAFFLCSEHRPKIKSEHPGLSIGDT
AKKLGEMWSEQSAKDKQPYEQKAAKLKEYEKDIAAYRAKGKSEAGKKGPGRPTGSKKKNEP
EDEEEEEEEDEDEEEDEDEE with polyhistidine-SUMO tag at the N-terminus

产品形式

The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH 7.4. If you have any concerns or special requirements, please confirm with us.

产品应用

Cell Culture

产品使用

1. Before opening, centrifuge at 3000 rpm for 5 mins.

2. Initial Reconstitution

- Reconstitute the Lyophilized Protein in sterile H₂O to a concentration of 100-200 µg/mL.
- Then, incubate it at room temperature for at least 20 mins to ensure sufficient dissolution.

Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

- Store at 2°C to 8°C for up to 1 week.

3. Extended Storage

- After the initial reconstitution, further dilute the reconstituted protein in a buffer containing a carrier protein or stabilizer (e.g., 0.1% BSA, 10% FBS, 5% HSA, or 5% trehalose solution). The final concentration is not less than 10 µg/ml.
- Prepare aliquots (≥20 µl).
- Store at -20°C or -80°C for 3 to 6 months.

Avoid repeated freeze-thaw cycles.

产品储存/运输

Lyophilized Protein: Store at -20°C for 1 year.

储存

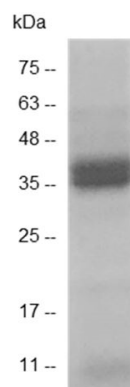
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

Extended Storage: Store at -20°C or -80°C for 3 to 6 months with a carrier protein or stabilizer.

运输

Blue Ice

实验数据展示



SDS-PAGE analysis of recombinant human HMGB2

For Research Use or Further Manufacturing Only

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