

产品名称: Recombinant Human HMGB2 (C-6His)
产品货号: PHH0801

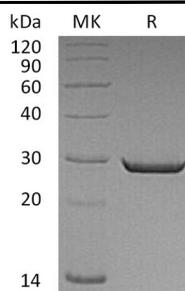


概述 (Summary)

英文全称	HMGB2/High mobility group protein B2
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/ μ g as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human High Mobility Group Protein B2 is produced by our Mammalian expression system and the target gene encoding Gly2-Glu209 is expressed with a 6His tag at the C-terminus.
Accession #	P26583
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	25.07 KDa
制剂 (Form)	Lyophilized from a 0.2 μ m filtered solution of 20mM Tris-HCl, 100mM NaCl, pH 8.0.
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Lyophilized protein should be stored at $\leq -20^{\circ}\text{C}$, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8 $^{\circ}\text{C}$ for 2-7 days. Aliquots of reconstituted samples are stable at $\leq -20^{\circ}\text{C}$ for 3 months.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

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背景 (Background)

分子别名 (Alternative Names)

High Mobility Group Protein B2; High Mobility Group Protein 2; HMG-2; HMGB2; HMG2

背景介绍 (References)

High Mobility Group Protein B2 (HMGB2) belongs to the non-histone chromosomal high-mobility group protein family. Members of this family are chromatin-associated and widely spread in the nucleus of higher eukaryotic cells. HMGB2 contains 2 HMG box DNA-binding domains. It is associated with chromatin and has the ability to bend DNA, preferentially single-stranded DNA. It is shown that HMGB2 is able to efficiently bend DNA and form DNA circles. In addition, HMGB2 is involved in the final ligation step in DNA end-joining processes of DNA double-strand breaks repair and V(D)J recombination.

注意事项 (Note)

For research use only .