

产品名称: Recombinant Human HMGB1 (Truncated)
产品货号: PEH0799

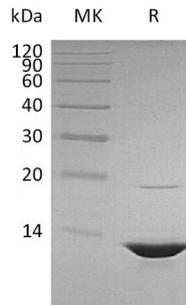


概述 (Summary)

英文全称	HMGB1/High mobility group protein B1/HMG-1(Truncated)
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human High Mobility Group Protein B1 is produced by our E.coli expression system and the target gene encoding Pro92-Val176 is expressed.
Accession #	P09429
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	10 KDa
制剂 (Form)	Lyophilized from a 0.2 μm filtered solution of 50mM HEPES-Na, 500mM NaCl, 0.6mM DTT, pH 7.9.
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 ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°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 100μg/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 100μg/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 B1; High Mobility Group Protein 1; HMG-1; HMGB1; HMG1

背景介绍 (References)

High mobility group protein B1 is a member of the HMGB family consisting of three members, HMGB1, HMGB2 and HMGB3. It contains 2 HMG box DNA-binding domains entitled box A and box B and it has a highly negatively charged C terminus. As a nuclear protein, HMGB1 stabilizes nucleosomes and allows bending of DNA that facilitates gene transcription which is essential for individual survival. Meanwhile, it is revealed that HMGB1 can also act as a cytokine extracellularly and regulates monocyte, T cell, dendritic cell activities in inflammatory responses.

注意事项 (Note)

For research use only .