

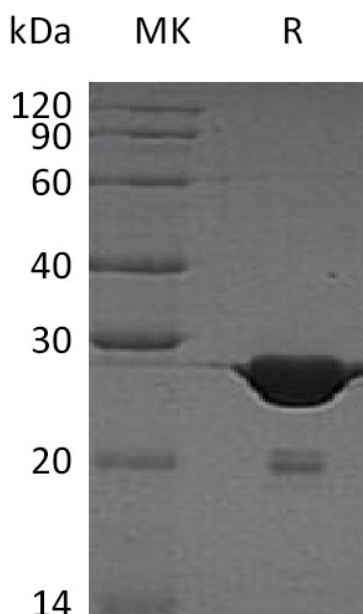
Product Name: Recombinant Human HMGB1 (C-6His)
Catalog #: PHH0800



Summary

Name	HMGB1/HMG-1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human High Mobility Group Protein B1 is produced by our Mammalian expression system and the target gene encoding Gly2-Glu215 is expressed with a 6His tag at the C-terminus.
Accession #	P09429
Host	Human Cells
Species	Human
Predicted Molecular Mass	25.8 KDa
Formulation	Supplied as a 0.2 μm filtered solution of PBS, 10% Glycerol, pH 7.4.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	0.00.0

SDS-PAGE image



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Alternative Names

High Mobility Group Protein B1; High Mobility Group Protein 1; HMG-1; HMGB1; HMG1

Background

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 negative-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.

Note

For Research Use Only , Not for Diagnostic Use.