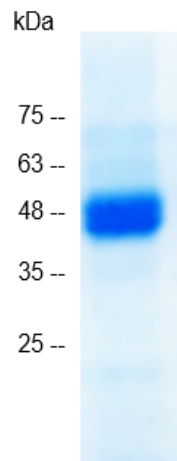


**HMGB2, Human (mammalian cell expression)**

v. 231001

<b>Catalog number</b>	C01175-5UG / C01175-20UG / C01175-100UG
<b>Package</b>	5 µg / 20 µg / 100 µg
<b>Description</b>	HMGB2 is a member of the non-histone chromosomal high-mobility group protein family, which are chromatin-associated and widely expressed in the nucleus of higher eukaryotic cells. HMGB2 can assist cooperative interactions between cis-acting proteins by promoting DNA flexibility through bending DNA to DNA circles. In addition, HMGB2 participates in the final ligation step in DNA end-joining processes of DNA double-strand breaks repair and V(D)J recombination.
<b>Source</b>	HEK293
<b>Sequence</b>	MGKGDPNKPRGKMSSYAFFVQTCREEHKKKHPDSSVNF AEF SKKCSERWKT MSAKEKSKFEDMAKSDKARYDREMKNYVPPKGDKKGKKKDPNAPKRPPSAFF LFCSEHRPKIKSEHPGLSIGDTAKKLGEMWSEQSAKDKQPYEQKAAKLKEKYE KDIAAYRAKKGKSEAGKKGPRPTGSKKKNEPEDEEEEEEEEEDEDEEEEEDEDE E with polyhistidine-SUMO tag at the N-terminus
<b>Endotoxin level</b>	<0.1 EU per 1 µg of the protein by the LAL method.
<b>Purity</b>	>98% as determined by SDS-PAGE.
<b>Form</b>	Lyophilized
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile H <sub>2</sub> O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
<b>Stability &amp; Storage</b>	This product is stable after storage at: <ul style="list-style-type: none"> <li>-20°C for 12 months in lyophilized state from date of receipt.</li> <li>-20°C or -80°C for 1 month under sterile conditions after reconstitution.</li> </ul> Avoid repeated freeze/thaw cycles.



SDS-PAGE analysis of recombinant human HMGB2

*For research use only.*