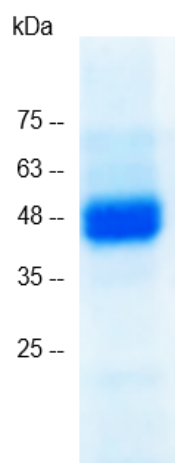


## PRODUCT INFORMATION

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

<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>	MGKGDPNKPRGKMSSYAFFVQTCREEHKKKHPDSSVNFAEFSKKCSERWKT MSAKEKSKFEDMAKSDKARYDREMKNYVPPKGDKKGKKKDPNAPKRPPSAFF LFCSEHRPKIKSEHPGLSIGDTAKKLGEMWSEQSAKDKQPYEQKAAKLKEKYE KDIAAYRAKGKSEAGKKGPGRPTGSKKKNEPEDEEEEEEEEEDEEEEEDEDEE 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. Ni-NTA chromatography
<b>Formulation</b>	The protein was lyophilized from a solution containing 1X 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 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
<b>Storage</b>	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
<b>Note</b>	Please use within one month after protein reconstitution.



SDS-PAGE analysis of recombinant human HMGB2

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