

## 32-7695: Recombinant Human High Mobility Group Protein B3/HMGB3 (C-6His)

**Gene :** HMGB3  
**Gene ID :** 3149  
**Uniprot ID :** O15347

### Description

Source: Human Cells.  
MW :24kD.

Recombinant Human High Mobility Group Protein B3 is produced by our Mammalian expression system and the target gene encoding Met1-Glu200 is expressed with a 6His tag at the C-terminus. High Mobility Group Protein B3 (HMGB3) belongs to the HMGB family. Members of the HMG box subfamily are thought to have an important role in DNA replication, nucleosome assembly and transcription. HMGB3 binds preferentially single-stranded DNA and unwinds double stranded DNA. HMGB3 consists of 200 amino acids and is localized to the cell nucleus. It contains two HMG box DNA-binding domain. HMGB3 binds preferentially single-stranded DNA and unwinds double stranded DNA.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** MAKGDPKKPKGKMSAYAFFVQTCREEHKKKNPEVPVNF AEFKSKCSERWKTMSGKEKSKFDEMAKADKVR YD REMKDYGPAKGGKKKKDPNAPKRPPSGFFLCSEFRPKIKSTNPGISIGDVAKKLGEMWNNLNDSEKQP YITKA AKLKEKYEKDVADYKSKGKFDGAKGPAKVARKKVEEED EEEEEEEEEEEEEEEDEVDHHHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.