

Product datasheet for **TP726936**

HMG4 (HMGB3) Human Recombinant Protein

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant Human High Mobility Group Protein B3/HMGB3 (C-6His) |
| Species: | Human |
| Expression cDNA Clone or AA Sequence: | Met1-Glu200 |
| Tag: | C-His |
| Buffer: | Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4. |
| Note: | 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. |
| Storage: | 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. |
| Stability: | 12 months from date of despatch |
| Locus ID: | 3149 |
| UniProt ID: | O15347 |
| Synonyms: | High Mobility Group Protein B3; High Mobility Group Protein 2a; HMG-2a; High Mobility Group Protein 4; HMG-4; HMGB3; HMG2A; HMG4 |
| Summary: | High Mobility Group Protein B3 (HMGB3) belongs to the HMGB family. Members of the HMG box subfamily are thought to be 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. |
| Protein Families: | Transcription Factors |



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