

## HMGB1 recombinant protein

Biotinylated Human HMGB1 Protein Recombinant

|           |                                                                                                                                         |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------|
| CATALOG # | HOST                                                                                                                                    |
| AAA76325  | HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.) |

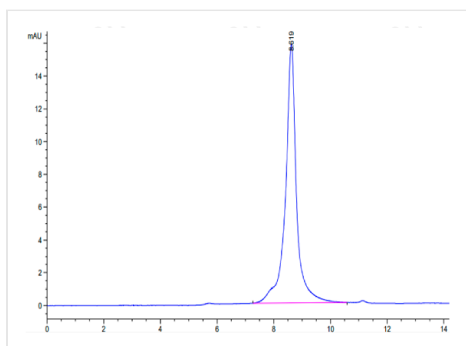
### PRODUCT SYNONYMS

HMGB1; Biotinylated Human HMGB1 Protein Recombinant; HMGB1 recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                        |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)                                                                                |
| Purity/Purification     | >95%, as determined by SDS-PAGE and HPLC                                                                                                                                                                               |
| Form/Format             | Recombinant Human HMGB1 (Primary Amine Labeling) was lyophilized from 0.2 um filtered PBS solution pH7.4                                                                                                               |
| Source                  | DNA sequence encoding Human HMGB1 (Primary Amine Labeling) including a C-His tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVitag biotinylation technology. |
| Endotoxin               | Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).                                                                                               |
| Molecular Function      | DNA-binding                                                                                                                                                                                                            |
| Biological Process      | Immunity, Autophagy, Chemotaxis                                                                                                                                                                                        |
| Reconstitution          | Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM                                                                                                                                       |
| Preparation and Storage | The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C.                                                                                                                           |

### IMAGES



#### Application Data

Biotinylated Human HMGB1 Protein (Primary Amine Labeling) SEC-HPLC. The purity of Biotinylated Human HMGB1 is greater than 95% as determined by SEC-HPLC.



#### Tris-Bis-PAGE

Biotinylated Human HMGB1 Protein (Primary Amine Labeling) Tris-Bis PAGE. Biotinylated Human HMGB1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

### ADDITIONAL INFORMATION

|                                                         |                       |
|---------------------------------------------------------|-----------------------|
| Product Categories/Family for HMGB1 recombinant protein | Biotinylated proteins |
|---------------------------------------------------------|-----------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4504425                                                                                                                                                                                                           |
| NCBI GeneID                      | 3146                                                                                                                                                                                                              |
| NCBI Accession #                 | NP_002119.1                                                                                                                                                                                                       |
| NCBI GenBank Nucleotide #        | NM_002128.4                                                                                                                                                                                                       |
| UniProt Accession #              | P09429; P04637 P53_HUMAN                                                                                                                                                                                          |
| Molecular Weight                 | 24,894 Da                                                                                                                                                                                                         |
| NCBI Official Full Name          | high mobility group protein B1                                                                                                                                                                                    |
| NCBI Official Synonym Full Names | high mobility group box 1                                                                                                                                                                                         |
| NCBI Official Symbol             | HMGB1                                                                                                                                                                                                             |
| NCBI Official Synonym Symbols    | HMG1; HMG3; SBP-1                                                                                                                                                                                                 |
| NCBI Protein Information         | high mobility group protein B1; HMG-1; Amphoterin; high-mobility group box 1; high mobility group protein 1; Sulfoglucuronyl carbohydrate binding protein; high-mobility group (nonhistone chromosomal) protein 1 |
| UniProt Protein Name             | High mobility group protein B1                                                                                                                                                                                    |
| UniProt Gene Name                | HMGB1                                                                                                                                                                                                             |
| UniProt Synonym Gene Names       | HMG1; HMG-1                                                                                                                                                                                                       |
| UniProt Entry Name               | HMGB1_HUMAN                                                                                                                                                                                                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/hmgb1-recombinant-protein-hek293-cells/76325>