



Recombinant Protein Technical Manual

Recombinant Human HMGB3 Protein (His Tag)

RPES0770

Product Data:

Product SKU: RPES0770

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: O15347

Protein Information:

Molecular Mass: 24.0 kDa

AP Molecular Mass: 26 kDa

Tag: C-6His

Bio-activity:

Purity: > 90 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: High Mobility Group Protein B3; High Mobility Group Protein 2a; HMG-2a; High Mobility Group Protein 4; HMG-4; HMGB3; HMG2A; HMG4

Immunogen Information:

Sequence: Met 1-Glu200

Background:

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.