

Recombinant Human S100B protein

Information

| | |
|--------------------------------|--|
| Gene ID | |
| Accession # | |
| Alternate Names | |
| Source | Escherichia coli. |
| M.Wt | Approximately 10.6 kDa, a single non-glycosylated polypeptide chain containing 91 amino acids |
| AA Sequence | SELEKAMVAL IDVFHQYSGR EGDKHKLKKS ELKELINNEL SHFLEEIKEQ EVVDKVMETL DNDGDGECDF QEFMAFVAMV TTACHEFFEH E |
| Appearance | Sterile Filtered White lyophilized (freeze-dried) powder. |
| Stability & Storage | Use a manual defrost freezer and avoid repeated freeze-thaw cycles - 12 months from date of receipt, -20 to -70 °C as supplied - 1 month, 2 to 8 °C under sterile conditions after reconstitution - 3 months, -20 to -70 °C under sterile conditions after reconstitution |
| Formulation | Lyophilized from a 0.2 mm filtered concentrated solution in PBS, pH 7.4. |
| Reconstitution | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions. |
| Biological Activity | Measured in a cell proliferation assay using human peripheral blood monocytes. The ED for this effect is 1-4 µg/mL. |
| Shipping Condition | Gel pack. |
| Handling | Centrifuge the vial prior to opening. |
| Usage | For Research Use Only! Not to be used in humans. |

Components and Storage

| Components | 5µg | 100µg | 500µg |
|---------------------------------|-----|-------|-------|
| Recombinant Human S100B protein | 5µg | 100µg | 500µg |

Use a manual defrost freezer and avoid repeated freeze-thaw cycles

- 12 months from date of receipt, -20 to -70 °C as supplied
- 1 month, 2 to 8 °C under sterile conditions after reconstitution
- 3 months, -20 to -70 °C under sterile conditions after reconstitution

Quality Control

| | |
|-----------|--|
| Purity | > 95 % by SDS-PAGE. |
| Endotoxin | Less than 1.0 EU/ μ g of rHuS100B as determined by LAL method. |

Description

Reference



APExBIO Technology
www.apexbt.com

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com

