

Recombinant Human S100B protein

#R00197

Size: 5 µg/100 µg/500 µg

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.



Warning: This product is intended for scientific research only. It is not to be used for medical or diagnostic procedures in humans or animals, nor as a food, cosmetic, or household product.

AA Sequence

SELEKAMVALIDVFHQYSGREGDKHKLKKSELKELIN
NELSHFLEEIKEQEVDKVMETLDNDGDGECDFQEF
MAFVAMVTTACHEFFEHE

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.

Product Specification

Species	Human
Source	Escherichia coli.
Molecular Weight	Approximately 10.6 kDa, a single non-glycosylated polypeptide chain containing 91 amino acids > 95 % by SDS-PAGE.
Purity	Measured in a cell proliferation assay using human peripheral blood monocytes. The ED ₅₀ for this effect is 1-4 µg/mL.
Biological Activity	Sterile Filtered White lyophilized (freeze-dried) powder.
Physical Appearance	Lyophilized from a 0.2 mm filtered concentrated solution in PBS, pH 7.4.
Formulation	
Endotoxin	Less than 1.0 EU/µg of rHuS100B as determined by LAL method.

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.