Recombinant human HBG1 protein



Basic Information

Reconstitution

and Storage

Purity

Formulation

Catalog Number:

Ag22781

Size:

50 µg Form:

Available lyophilized

Species:

human

Expression Source:

e coli.-derived, PET28a, with N-terminal 6*His.

Biological Activity:

Not tested

Endotoxin Level:

Please contact the lab for more information

Reconstitution:

Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term

After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage (see Stability and Storage for more details).

If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).

Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

95%, by SDS-PAGE with Coomassie Brilliant Blue staining.

Stability and Storage

Store for up to 12 months at -20°C to -80°C as lyophilized powder.

The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM

Storage of **Reconstituted Protein**

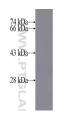
Short Term Storage:

Store at 2-8°C for (1-2 weeks).

Long Term Storage:

Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Selected Validation Data



Peptide Sequence:

MGHFTEEDKATITSLWGKVNVEDAGGETLGRLLVVYP WTQRFFDSFGNLSSASAIMGNPKVKAHGKKVLTSLG DATKHLDDLKGTFAQLSELHCDKLHVDPENFKLLGNV LVTVLAIH

(1-118 aa encoded by BC010913)

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