Ovine Growth Hormone Binding Protein

Synonyms: GHR, GHBP, GH receptor, Somatotropin receptor.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order#	Lot#	Expiry Date
5 µg	1449.990.005		
20 µg	1449.990.020		
1 mg	1449.990.199		

Please enquire for bulk quantities and other vial sizes.

Description

Growth Hormone Binding Protein Ovine Recombinant produced in *E.Coli* is a single, non-glycosylated, polypeptide chain containing 237 amino acids and having a molecular mass of 28 kDa.

- **Source** *E. coli*
- **Purity** ≥ 95 % (SDS-PAGE, SEC-HPLC)
- **Endotoxin Level** ≤ 0.1 ng/µg (≤ 1 EU/µg)
- **Buffer** GHBP was lyophilized from a concentrated (1 mg/ml) solution with 0.0045mM $NaHCO_3$*
- **Physical State** Sterile filtered, lyophilized

Reconstitution

We recommend a quick spin followed by reconstitution in sterile water to a concentration of at least 100 µg/ml, which can then be further diluted to other aqueous solutions. Do not vortex.

Stability

Lyophilized Growth Hormone Binding Protein although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution GHBP should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1 % HSA, order number: 2835.955.xyz or 2835.958.xyz, or BSA, order number: 2835.919.xyz). Please avoid repeated freeze-thaw cycles.

Amino Acid Sequence

The sequence of the first five N-terminal amino acids was determined and was found to be Ala-Phe-Ser-Gly-Ser.

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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