

Recombinant Human Insulin-like Growth Factor-Binding Protein 7

#R00123

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.

Background

AA Sequence

SSSDTCGPCEPASCPLPPLGCLLGETRDACGCCPM
CARGEGEPCGGGGAGRGYCAPGMECVKSRKRRKG
KAGAAAGGPGVSGVVCVCKSRYPVCGSDGTTYPSGC
QLRAASQRAESRGEKAITQVSKGTCEQGPSIVTPPK
DIWNVTGAQVYLSCEVIGIPTPVLIWNVKVRGHYGVQ
RTELLPGDRDNLAIQTRGGPEKHEVTGWVLVSPLSK
EDAGEYECHASNSQQGQASASAKITVVDALHEIPVKK
GEGAEL

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

Accession	Q16270
GeneID	3490
Species	Human
Source	Escherichia coli.
Molecular Weight	Approximately 26.4 kDa, a single non-glycosylated polypeptide chain containing 256 amino acids.
Purity	> 95 % by SDS-PAGE and HPLC analyses.
Biological Activity	Testing in Progress.
Physical Appearance	Sterile Filtered White Lyophilized (freeze-dried) powder.
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM Tris-HCl, pH 8.6, 150 mM NaCl.

Endotoxin	Less than 0.1 EU/μg of rHuIGF-BP7 as determined by LAL method.
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