

20kDa Growth Hormone, Human Recombinant, E.coli

Cat.NO.: TP02721

3th Edition

Synonyms:20 kDa hGH

Description:The 20KDa variant form of human growth hormone (20KDa hGH) presents in extracts from pituitary glands and it differs from the major form of hGH (22K, 191 amino acid) by the deletion of amino acid residues 32-46.

Form:Liquid. In Phosphate Buffer Saline (pH7.4) containing 10% glycerol.

Molecular Weight:20 kDa (177 aa), confirmed by MALDI-TOF

Sequences:

MFPTIPLSRLFDNAMLRAHRLHQLAFDTYQEFNPQTSLCFSESIPSPNREETQQKSNLELLRISLLLIQSWLEPVQF
LRSVFANSLVYGASDSNVYDLLKDLEEGIQTLMGRLEDGSPRTGQIFKQTYSKFDTNSHNDDALLKNYGLLYCFRK
DMDKVETFLRIVQCRSVEGSCGF

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by BCA assay).

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.