

## PRODUCT DATA SHEET

### Granulocyte-Colony Stimulating Protein

**Cat. No.:** RP1763290010**Size:** 0.01 mg**Source:** Chinese Hamster Ovary Cells (CHO) **Type:** Recombinant protein**Species:** Human**Description:**

Granulocyte Colony Stimulating Factor Human Recombinant produced in E.coli is a single, glycosylated, polypeptide chain containing 174 amino acids and having a molecular mass of 20 KD. G-CSF is purified by proprietary chromatographic techniques.

**Amino Acid Sequence:**

TPLGPASSLP QSFLLKCLEQ VRKIQGDGAA LQEKLCATYK LCHPEELVLL GHSLGIPWAP  
LSSCPSQALQ LAGCLSQQLHS GLFLYQGLLQ ALEGISPELG PTLDTLQLDV ADFATTIWQQ  
MEELGMAPAL OPTQGAMPAF ASAFQRRAGG VLVASHLQSF LEVSYRVLRLH LAQP

**Purity:**

Greater than 97.0% as determined by: - Analysis by RP-HPLC. - Analysis by SDS-PAGE.

**Formulation:**

G-CSF was lyophilized from a concentrated (1mg/ml) solution containing Phosphate-Buffered Saline, pH 7.4

**Shipping:**

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

**Storage/Stability:**

Lyophilized Granulocyte Colony Stimulating Factor although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution G-CSF 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 or BSA). Please prevent freeze-thaw cycles.