

---

## Product Data Sheet

---

Product Name: CFBF HUman  
 Cat. No.: GP22976  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	PEBP2B; polyomavirus enhancer binding protein b; PEA2; CBF-beta.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MPRVVPDQRS KFENEFFRK LSRECEIKYT GFRDRPHEER QARFQNACRD GRSEIAFVAT GTNLSLQFFPASWQGEQRQT PSREYVDLER EAGKVYLKAP MILNGVCVIW KGWIDLQRLD GMGCLEFDEE RAQQEDALAQ QAFEEARRRT REFEDRDRSHREEMEVRSQ LLAVTGKKT RP.		
Formulation	0.5mg/ml solution containing 20mM MES pH-6, 0.1mM PMSF & 10% glycerol.		

### Introduction

CBFB beta subunit is a heterodimeric core-binding transcription factor that is part of the PEBP2/CBF transcription factor family which controls a host of genes particularly to hematopoiesis and osteogenesis. CBFB is a non-DNA binding regulatory subunit which increases DNA binding by alpha subunit.

### Stability

CBFB Human although stable at 4C for 1 week, should be stored below -18C. Please prevent freeze thaw cycles.

### Background

CBFB Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 182 amino acids (1-202 a.a.) and having a molecular mass of 23.6 kDa. The CBFB is fused to 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA