

CBFB, 1-182aa, Human, His tag, E.coli

Cat.NO.: TP01437

3th Edition

Synonyms:Core-binding factor, beta subunit

Description:CBFB, also known as PEBP2B, is the beta subunit of a heterodimeric core-binding transcription factor belonging to the PEBP2/CBF transcription factor family which master-regulates a host of genes specific to hematopoiesis (e.g., RUNX1) and osteogenesis (e.g., RUNX2).

Form:Liquid. In 20 mM MES (pH 6.0) containing 0.1 mM PMSF, 10% Glycerol

Molecular Weight:23.6 kDa(202aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMPRVVPDQRSKFENEFFRKLSRECEIKYTGFRDRPHEERQARFQNACRDGRS
EIAFVATGTNLSLQFFPASWQGEQRQTPSREYVDLREAGKVYLKAPMILNGVCVIWKGWIDLQRLDGMGCLEFDE
ERAQQEDALAQQAFEEARRRTREFEDRDRSHREEMEVVRVSQLLAVTGKKTTRP

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford 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.