

Recombinant Mouse Cbfb Protein, MYC/DDK-tagged

Cat. No. Cbfb-787M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse core binding factor beta (Cbfb), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	CBF binds to the core site, 5'-PYGPYGGT-3', of a number of enhancers and promoters, including murine leukemia virus, polyomavirus enhancer, T-cell receptor enhancers, LCK, IL3 and GM-CSF promoters. CBFB enhances DNA binding by RUNX1.
Molecular Mass	22 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Cbfb core binding factor beta [Mus musculus (house mouse)]
Official Symbol	Cbfb
Synonyms	Cbfb; core binding factor beta; PEA2; Pebp2; PEBP2b; Pebpb2; AI893578; core-binding factor subunit beta; CBF-beta; PEA2-beta; PEBP2-beta; SL3-3 enhancer factor 1 subunit beta; SL3/AKV core-binding factor beta subunit; polyomavirus enhancer-binding protein 2 beta subunit
Gene ID	12400
mRNA Refseq	NM_022309
Protein Refseq	NP_071704
UniProt ID	Q08024

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