

Recombinant Mouse Ebf2 Protein, Myc/DDK-tagged

Cat. No. Ebf2-2710M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length early B cell factor 2 (Ebf2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Transcription factor that, in osteoblasts, activates the decoy receptor for RANKL, TNFRSF11B, which in turn regulates osteoclast differentiation. Acts in synergy with the Wnt-responsive LEF1/CTNNB1 pathway. Recognizes variations of the palindromic sequence 5'-ATTCCCNNGGGAATT-3'.
Molecular Mass	63.1 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.

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GENE INFORMATION

Gene Name	Ebf2 early B cell factor 2 [Mus musculus (house mouse)]
Official Symbol	Ebf2
Synonyms	Ebf2; early B cell factor 2; Mmot; O/E-; OE-3; EBF-2; Mmot1; O/E-3; D14Ggc1e; transcription factor COE2; MET-mesencephalon-olfactory TF1; MET-mesencephalon-olfactory transcription factor 1; Olf-1/EBF-like 3; metencephalon-mesencephalon-olfactory transcription factor 1
Gene ID	13592
mRNA Refseq	NM_010095
Protein Refseq	NP_034225
UniProt ID	O08792

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