

Recombinant Human EBF2 protein, His & T7-tagged

Cat. No. EBF2-6937H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EBF2 aa. (Val285~Val536 (Accession # Q9HAK2)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Val285~Val536
Description	The protein encoded by this gene belongs to the COE (Collier/Olf/EBF) family of non-basic, helix-loop-helix transcription factors that have a well conserved DNA binding domain. The COE family proteins play an important role in variety of developmental processes. Studies in mouse suggest that this gene may be involved in the differentiation of osteoblasts.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.6kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.5.

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Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

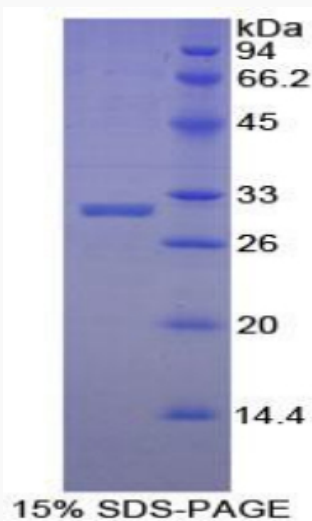
Gene Name	EBF2 early B-cell factor 2 [Homo sapiens (human)]
Official Symbol	EBF2
Synonyms	EBF2; early B-cell factor 2; COE2; OE-3; EBF-2; O/E-3; transcription factor COE2; Collier, Olf and EBF 2; OLF-1/EBF-LIKE 3; metencephalon-mesencephalon-olfactory transcription factor 1
Gene ID	64641
mRNA Refseq	NM_022659.3
Protein Refseq	NP_073150.2
UniProt ID	Q9HAK2

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SDS-PAGE



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