

Recombinant Human EBF2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EBF2-1112H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EBF2 MS Standard C13 and N15-labeled recombinant protein (NP_073150) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	62.5 kDa
AA Sequence	MFGIQDTLGRGPTLKEKSLGAEMDSVRSWVRNVGVVDANVAAQSGVALSRAHFKEK QPPSNLRKSNFFHFVLALYDRQGQPVEIERTAFVDFVENDKEQGNEKTNNGTHYKL QLLYSNGV RTEQDLYVRLIDSVTKQPIAYEGQKNKNPEMCRVLLTHEVMCSRCEKK SCGNRNETPSDPVIIDRFFLKFFLKCNQNCLKTAGNPRDMRRFQVVLSTTVNVDGH VLAUSDNMVFVHNNSKHGRRARRLDLPSEATPCIKAI SPSEGWTTGGAMVIII GDNFFD GLQVVFGTMLVWSELITPHAIRVQT PPRHIPGVVEVTL SYKSKQFCKGAPGRFIYTAL NEPTIDYGFQRLQKVIPRHPGDPERLAKEMLLKRAADLVEALYGTPHNNQDIILKRAA DIAEALYSVPRNPSQLPALSSSPAHS GMMGINSYGSQ LGVSI SESTQGNNQGYIRNT

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SSISPRGYSSSSTPQQSNYSTSSNSMNGYSNVPMANLGVPGPSGLNGSPTGSPY
GIMSSSPTVGSSTSSILPFSSSVFPAVKQKSAFAPVIRPQGSPSPACSSGNGNGFR
AMTGLVVPPMTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name EBF2 EBF transcription factor 2 [Homo sapiens (human)]

Official Symbol EBF2

Synonyms EBF2; EBF transcription factor 2; COE2; OE-3; EBF-2; O/E-3; transcription factor COE2; Collier, Olf and EBF 2; Collier, Olf and EBF transcription factor 2; OLF-1/EBF-LIKE 3; early B cell factor 2; metencephalon-mesencephalon-olfactory transcription factor 1

Gene ID 64641

mRNA Refseq NM_022659

Protein Refseq NP_073150

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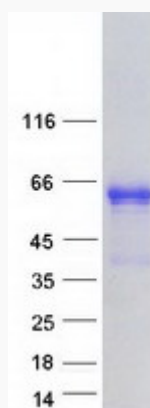
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MIM 609934

UniProt ID Q9HAK2

SDS-PAGE



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