

Recombinant Human EBF2 Protein, GST-tagged

Cat. No. EBF2-3020H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EBF2 full-length ORF (AAI48639.1, 1 a.a. - 575 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Oct 2011]
Molecular Mass	89.65 kDa
AA Sequence	MFGIQDTLGRGPTLKEKSLGAEMDSVRSWVRNVGVVDANVAAQSGVALSRAHFEK QPPSNLRKSNFFHFVLALYDRQGQPVEIERTAFVDFVENDKEQGNEKTNNGTHYKL QLLYSNGVRTEQDLYVRLIDSVTKQPIAYEGQKNKNPEMCRVLLTHEVMCSRCEKK SCGNRNETPSDPVIIDRFFLKFFLKCNQNCLKTAGNPRDMRRFQVVLSTTVNVDPGH VLAUSDNMFVHNNSKHGRRARRLDLPSEATPCIKAIISPSEGWTTGGAMVIIIIGDNFFD GLQVVFGTMLVWSELITPHAIRVQTPPRHIPGVVEVTLSTYKSKQFCKGAPGRFIYAL NEPTIDYGFQRLQKVIPRHPGDPERLAKEMLLKRAADLVEALYGTPHNNQDIILKRAA DIAEALYSVPRNPSQLPALSSSPAHSMMGINSYGSQGLGVSISESTQGNNQGYIRNT SSISPRGYSSSSTPQQSNYSTSSNSMNGYSNVPMANLGVPGSPGFLNGSPTGSPY

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	GIMSSSPTVGSSSTSSILPFSSSVFPAVKQKSAFAPVIRPQGSPSPACSSGNGNGFR AMTGLVVPPM
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	EBF2 early B-cell factor 2 [Homo sapiens (human)]
Official Symbol	EBF2
Synonyms	EBF2; early B-cell factor 2; Early B-Cell Factor 2; EBF-2; COE2; Metencephalon-Mesencephalon-Olfactory Transcription Factor 1; Transcription Factor COE2; Collier, Olf And EBF 2; OLF-1/EBF-LIKE 3; O/E-3; OE-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
Protein Refseq	NP_073150

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MIM	609934
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UniProt ID	Q9HAK2
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