

Recombinant Full Length Human EBF2 Protein, GST-tagged

Cat. No. EBF2-4140HF **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	In Vitro Cell Free System
ProteinLength	575 amino acids
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 SCGNRNETPSDPVIIDRFFLKFFLKCNQNCLKTAGNPRDMRRFQVVLSTTVNVDGH VLAVSDNMFVHNNSKHGRRARRLDPSEATPCIKAIISPSEGWTTGGAMVIIIIDNFFD GLQVVFGTMLVWSELITPHAIRVQTPPRHIPGVVEVTLTSYKSKQFCKGAPGRFIYTAL NEPTIDYGFQRLQKVIPRHPGDPERLAKEMLLKRAADLVEALYGTPHNNQDIILKRAA DIAEALYSVPRNPSQLPALSSSPAHSMMGINSYGSQGLGVSISESTQGNNQGYIRNT

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SSISPRGYSSSSTPQQSNYSTSSNSMNGYSNVPMANLGVPGSPGFLNGSPTGSPY
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

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Protein Refseq	NP_073150
MIM	609934
UniProt ID	Q9HAK2

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