

Recombinant Full Length Human EBF1 Protein, GST-tagged

Cat. No. EBF1-4138HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EBF1 full-length ORF (AAH38805, 1 a.a. - 591 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	591 amino acids
Description	EBF1 (Early B-Cell Factor 1) is a Protein Coding gene. Diseases associated with EBF1 include Fetal Erythroblastosis. Among its related pathways are Regulation of lipid metabolism by Peroxisome proliferator-activated receptor alpha (PPARalpha) and Adipogenesis. GO annotations related to this gene include transcription factor activity, sequence-specific DNA binding and C2H2 zinc finger domain binding. An important paralog of this gene is EBF3.
Molecular Mass	90.75 kDa
AA Sequence	MFGIQESIQRSGSSMKEEPLGSGMNAVRTWMQGAGVLDANTAAQSGVGLARAHFE KQPPSNLRKSNFFHFVLALYDRQGQPVEIERTAFVGFVEKEKEANSEKTNNGIHYRL QLLYSNGIRTEQDFYVRLIDSMTKQAIVYEGQDKNPEMCRVLLTHEIMCSRCCDKKS CGNRNETPSDPVIIDRFFSKFFLKCNQNCLKNAGNPRDMRRFQVVVSTTVNVDGHV LAVSDNMFVHNNSKHGRARRRLDPSEGTPSYLEHATPCIKAIISPSEGWTTGGATVIII GDNFFDGLQVIFGTMLVWSELITPHAIRVQTTPRHIPGVVEVTL SYKSKQFCKGTPG RFIYTALNEPTIDYGFQRLQKVIPRHGPDPERLPKEVILKRAADLVEALYGMPHNNQE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

IILKRAADIAEALYSVPRNHNQLPALANTSVHAGMMGVNSFSGQLAVNVSEASQATN
 QGFTRNSSSVSPHGYVPSTTPQQTNYNVSTTSMNGYGSAAMSNLGGSPFTLNGSA
 ANSPYAIVPSSPTMASSTSLPSNCSSTSGIFSFSPANMVS AVKQKSAFAPVVRPQTS
 PPPTCTSTNGNSLQAISGMIVPPM

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 EBF1 early B-cell factor 1 [Homo sapiens]

Official Symbol EBF1

Synonyms EBF1; early B-cell factor 1; early B cell factor , EBF; transcription factor COE1; OLF1; OE-1; olfactory neuronal transcription factor 1; Collier, Olf and EBF transcription factor 1; EBF; COE1; O/E-1; FLJ39389; FLJ41763;

Gene ID 1879

mRNA Refseq NM_024007

Protein Refseq NP_076870

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MIM	164343
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UniProt ID	Q9UH73
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