

## Recombinant Human EBF1 protein, GST-tagged

Cat. No. EBF1-321H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human EBF1(4-350aa) fused with GST tag at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	4-350 a.a.
<b>Description</b>	EBF1 played an important role in many functions.
<b>Form</b>	1M PBS (58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH8.0 ), 100 mM GSH and 1% Triton X-100, 15% glycerol.
<b>Molecular Mass</b>	64 kDa
<b>AA Sequence</b>	IQESIQRSGSSMKEEP LGSGMNAVRTWMQGAGVLDANTAAQSGVGLARAHFEKQP PSNLRKSNFFHFVLALYDRQ GQPVEIERTAFVGFVEKEKEANSEKTNNGIHYRLQLL YSNGIRTEQDFYVRLIDSMTKQAIVYEGQDKNPEMCRV LLTHEIMCSRCCDKKSCG NRNETPSDPVIIDRFFLKFFLKCNQCNCLKNAGNPRDMRRFQVVVSTTVNVDGHLAV SDNMFVHNNSKHGRRARRLDPSEGTPSYLEHATPCIKAI SPSEGWTTGGATVIIIIGD NFFDGLQVIFGTMLVWSE LITPHAIRVQTPPRHIPGVVEVTLSYKSKQFCKGTPGRFI YTALNEP
<b>Storage</b>	Aliquot and store at -20 centigrade to -80 centigrade for up to 6 months. Avoid freeze

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thaw cycles. Storage of Reconstituted Protein: Short-term storage: Store at 2-8 centigrade for two weeks. Long-term storage: Aliquot and store at -20 centigrade to -80 centigrade for up to 6 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

**Reconstitution** Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage. If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

**Shipping** The product is shipped with ice packs. Upon receipt, store it immediately at -20 centigrade to -80 centigrade.

## 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

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<b>Protein Refseq</b>	NP_076870
<b>MIM</b>	164343
<b>UniProt ID</b>	Q9UH73
<b>Chromosome Location</b>	5q34
<b>Pathway</b>	Adipogenesis, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Transcriptional Regulation of White Adipocyte Differentiation, organism-specific biosystem;
<b>Function</b>	C2H2 zinc finger domain binding; DNA binding; metal ion binding; sequence-specific DNA binding transcription factor activity;

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