

Recombinant Human EBF1 protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human EBF1(4-350aa) fused with GST tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	4-350 a.a.
Description	EBF1 played an important role in many functions.
Form	1M PBS (58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH8.0), 100 mM GSH and 1% Triton X-100, 15% glycerol.
Molecular Mass	64 kDa
AA Sequence	IQESIQRSGSSMKEEPLGSGMNAVRTWMQGAGVLDANTAAQSGVGLARAHFEKQP PSNLRKSNFFHFVLALYDRQ GQPVEIERTA FVG FVEKEKEANSEKTNNGIHYRLQLL YSNGIRTEQDFYVRLIDSMTKQAI VYEGQDKNPEMCRV LLTHEIMCSRCCDKKSCG NRNETPSDPVIIDRFFLKFFLKCNQNC LKNAGNPRDMRRFQVVVSTTVNVDGHLAV SDNMFVHNNSKHGRRARRLDPSEGTPSYLEHATPCIKAI SPSEGWTTGGATVIIIIGD NFFDGLQVIFGTMLVWSE LITPHAIRVQT PPRHIPGVVEVTLSYKSKQFCKGTPGRFI YTALNEP
Storage	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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Protein Refseq	NP_076870
MIM	164343
UniProt ID	Q9UH73
Chromosome Location	5q34
Pathway	Adipogenesis, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Transcriptional Regulation of White Adipocyte Differentiation, organism-specific biosystem;
Function	C2H2 zinc finger domain binding; DNA binding; metal ion binding; sequence-specific DNA binding transcription factor activity;

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