

## Recombinant Human NFKB1 protein, GST-tagged

Cat. No. NFKB1-3742H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human NFKB1 protein(1-368 aa), fused to GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-368 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
<b>AA Sequence</b>	MAEDDPYLGRPEQMFHLDPSLTHTIFNPEVFQPQMALPTADGPYLQILEQPKQRGF RFRYVCEGSPSHGGLPGASSEKNKKSYPQVKICNYVGPAAKIVVQLVTNGKNIHLHAHS LVGKHCEGDICTVTAGPKDMVVGAFANLILHVTKKKVFETLEARMTEACIRGYNPGL LVHPDLAYLQAEGGGDRQLGDREKELIRQAALQQTKEMDLSVRLMFTAFLPDSTG SFTRRLEPVVSDAIYDSKAPNASNLKIVRMDRTAGCVTGGEEIYLLCDKVQKDDIQIR FYEEEENGWEGFGDFSPDQVHRQFAIVFKTPKYKDINITKPASVQVQLRRKSDLE TSEPKPFLYYPEIKDKEEVQRKRQKLM
<b>Purity</b>	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

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.

## GENE INFORMATION

**Gene Name** NFKB1 nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 [ Homo sapiens ]

**Official Symbol** NFKB1

**Synonyms** NFKB1; nuclear factor of kappa light polypeptide gene enhancer in B-cells 1; nuclear factor NF-kappa-B p105 subunit; KBF1; NF kappaB; NF kB1; NFkappaB; NFKB p50; p50; p105; NF-kappabeta; DNA binding factor KBF1; DNA-binding factor KBF1; nuclear factor NF-kappa-B p50 subunit; nuclear factor kappa-B DNA binding subunit; EBP-1; NF-kB1; NFKB-p50; NF-kappaB; NFKB-p105; NF-kappa-B; MGC54151; DKFZp686C01211;

**Gene ID** 4790

**mRNA Refseq** NM\_001165412

**Protein Refseq** NP\_001158884

**MIM** 164011

**UniProt ID** P19838

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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