

# Recombinant Human NFKB1(Met1-Gly434) Protein, N-6\*His-tagged

**Cat. No.** NFKB1-106H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human NFKB1(P19838-2)(Met1-Gly434) Protein, fused with a 6*His tag at the N-terminus, was produced in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-434 a.a.
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution of 20mM Tris-HCl, 150mM NaCl, 20mM GSH, pH 8.0.
<b>Molecular Mass</b>	The recombinant Human NFKB1 Protein has a predicted molecular mass of 49.7kDa, it migrates with an apparent molecular mass of 45-55kDa under reducing conditions.
<b>AA Sequence</b>	Met1-Gly434
<b>Endotoxin</b>	< 0.01 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

**Shipping** In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature.  
Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

## 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

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