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

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

SPECIFICATION

Product Overview	Recombinant Human NFKB1(P19838-2)(Met1-Gly434) Protein, fused with a 6*His tag at the N-terminus, was produced in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-434 a.a.
Form	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, 20mM GSH, pH 8.0.
Molecular Mass	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.
AA Sequence	Met1-Gly434
Endotoxin	< 0.01 EU per μg of the protein as determined by the LAL method.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	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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