



Recombinant Human NFKB1 Protein Product Manual

1. Product Basic Information

Product No.: REP07592

Protein Name: Dna-Binding Factor Kbf1 (NFKB1)

Aliases: KBF1; EBP-NF-kB; CVID12; NF-kB1; NFKB-p50; NFkappaB; NF-kappaB; NFKB-p105; NF-kappa-B1; NF-kappabeta; DNA-binding factor KBF1; nuclear factor NF-kappa-B p105 subunit; nuclear factor kappa-B DNA bindin...

UniProt ID: P19838

UniProt Link: <https://www.uniprot.org/uniprotkb/P19838/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full length (1-968aa)

Molecular Weight: 132.4kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (1-968aa)

MAEDDPYLGRPEQMFHLDPSLTHTIFNPEVFQPMALPTDGPYLQILEQPKQRGFR
FRYVCEGPSHGGLPGASSEKNKKSYPQVKICNYVGPAKVIVQLVTNGKNIHLHAHS
LVGKHCEDEGICTVTAGPKDMVVGAFNLGILHVTKKKVFTLEARMTEACIRGYNPGL
LVHPDLAYLQAEGGGDRQLGDREKELIRQAALQQTKEMDLSVVRLMFTAFLPDSTG
SFTRRLEPVVSDAIYDSKAPNASNLKIVRMDRTAGCVTGGEIYLLCDKVQKDDIQIR
FYEEEEENGWEGFGDFSPSTDVHRQFAIVFKTPKYKDINITKPASVFVQLRRKSDLE
TSEPKPFLYYPEIKDKEEVQRKRQKLMPNFSDFSFGGSGAGAGGGGMFGSGGGG
GGTGSTGPGYSFPHYGFPTYGGITFHPGTTKSNAGMKHGTMDTESKKDPEGCDK
SDDKNTVNLFGKVIETTEQDQEPSEATVGNGEVTLTYATGTKEESAGVQDNLFLEK
AMQLAKRHANALFDYAVTGDVKMLLAVQRHLTAVQDENGDSVLHLAIIHLHSQLV
DLLEVTSGLISDDIINMRNDLYQTPLHLAVITKQEDVVEDLLRAGADLSLLDRLGNSVL
HLAAKEGHDKVLSILLKHKKAALLLDHPNGDGLNAIHLAMMSNSLPCLLLLVAAGAD
VNAQEQKSGRTALHLAVEHDNISLAGCLLLEGDAHVDSTTYDGTTPHIAAGRGST
RLAALLKAAGADPLVENFEPLYDLDDSWENAGEDEGVVPGTTPLDMATSWQVFDIL
NGKPYEPEFTSDDLLAQGDMKQLAEDVKLQLYKLEIPDPDKNWTALAQLGLGILN
NAFRLSPAPSKTLMNDYEVSGGTVRELVEALRQMGYTEAIEVIQAASSPVKTTSSQA

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human NFκB1 full length protein (1-968aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. NFκB1, also known as KBF1 or EBP-NF-κB or C/EBD1, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.