

Recombinant Human TBK1 Protein, His-tagged

Cat. No. TBK1-338H **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Human TBK1 Protein(NP_037386)(590-729 aa), fused to His tag, was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 590-729 aa |
| Form | The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization. |
| AA Sequence | LYYHATKAMTHFTDECVKKYEAFLNKSEEWIRKMLHLRKQLLSLTNQCFDIEEEVSK YQEYTNELQETLPQKMFTASSGIKHTMTPIYPSSNTLVEMTLGMKKLKEEMEGVVKE LAENNHILERFGSLTMDGGLRNVDCI |
| Purity | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| Storage | 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 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. |

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

| | |
|------------------------|---|
| Gene Name | TBK1 TANK-binding kinase 1 [Homo sapiens] |
| Official Symbol | TBK1 |
| Synonyms | TBK1; TANK-binding kinase 1; serine/threonine-protein kinase TBK1; NAK; NF-kB-activating kinase; NF-kappa-B-activating kinase; T2K; FLJ11330; |
| Gene ID | 29110 |
| mRNA Refseq | NM_013254 |
| Protein Refseq | NP_037386 |
| MIM | 604834 |
| UniProt ID | Q9UHD2 |

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