

Recombinant Human TBK1 Protein, His-tagged

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

SPECIFICATION

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 LAENNHILERFGSLTMDGGLRNVDC
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 µg/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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