

Product Datasheet

Recombinant Human TBK1 GST (N-Term) Protein H00029110-P01-2ug

Unit Size: 2 ug

Store at -80C. Avoid freeze-thaw cycles.

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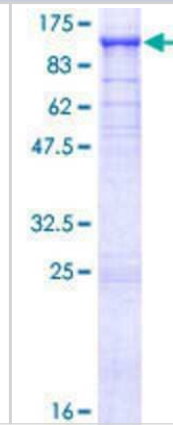
H00029110-P01-2ug**Recombinant Human TBK1 GST (N-Term) Protein**

Product Information	
Unit Size	2 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	110 kDa
Product Description	
Description	A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-729 of Human TBK1 Source: <i>Wheat Germ (in vitro)</i> Amino Acid Sequence: MQSTSNHLWLLSDILGQGATANVFRGRHKKTGDLFAIKVFNNISFLRPVDVQM REFEVLKKNHKNIVKLFAIEEETTRHKVLIMEFCPCGSLYTVLEEPSNAYGLP ESEFLIVLRDVVGGMNHLRENGIVHRDIKPGNIMRVIGEDGQSVYKLTDFGAAR ELEDDEQFVSLYGTEEYLHPDMYERAVLRKDHQKKYGATVDLWSIGVTFYHAA TGSLPFRPFEGPRRNKEVMYKIITGKPSGAISGVQKAENGPIDWSGDMPVSCS LSRGLQVLLTPVLANILEADQEKCWGFDQFFAETSDILHRMVIHVFSLQQMTAH KIYIHSYNTATIFHELVIKQTKIISNQELIYEGRRVLLEPGRLAQHFPKTTEENPI FVVSREPLNTIGLIYEKISLPKVHPRYDLGDASMAKAITGVVCYACRIASTLLLY QELMRKGIRWLIELIKDDYNETVHKKTEVVITLDFCIRNIEKTVKVYEKLMKINLEA AELGEISDIHTKLLRLSSSQGTIETSLQDIDSRLSPGGSLADAWAHQEGTHPKD RNVEKLQVLLNCMTEIYYQFKDKAERRLAYNEEQIHKFDKQKLYYHATKAMTH FTDECVKKYEAFLNKSEEWIRKMLHLRKQLLSLTNQCFDIEEEVSKYQEYTNEL QETLPQKMFTASSGIKHTMTPIYPSSNTLVEMTLGMKKLKEEMEGVVKELAEN NHILERFGSLTMDGGLRNVDCL
Gene ID	29110
Gene Symbol	TBK1
Species	Human
Preparation Method	in vitro wheat germ expression system
Details of Functionality	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Protein Array, SDS-Page, Immunoaffinity Purification, Kinase Assay
Recommended Dilutions	Western Blot, ELISA, SDS-Page, Protein Array, Immunoaffinity Purification, Kinase Assay



Images

SDS-Page: Recombinant Human TBK1 Protein [H00029110-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Sparrer KMJ, Gableske S, Zurenski MA et al. TRIM23 mediates virus-induced autophagy via activation of TBK1 Nat Microbiol 2017-09-04 [PMID: 28871090]

Gu M, Liu Z, Lai R et al. RKIP and TBK1 form a positive feedback loop to promote type I interferon production in innate immunity. EMBO J 2016-10-17 [PMID: 27753621]





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