

Product Datasheet

Recombinant Human TAK1 GST (N-Term) Protein H00006885-P01-10ug

Unit Size: 10 ug

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

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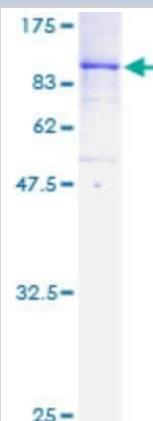
H00006885-P01-10ug

Recombinant Human TAK1 GST (N-Term) Protein

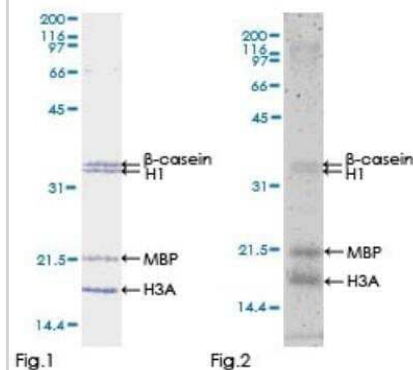
Product Information	
Unit Size	10 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	89.43 kDa
Product Description	
Description	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-579 of Human MAP3K7</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: MSTASAASSSSSSSAGEMIEAPSQVLNFEEIDYKEIEVEEVVGRGAFGVVCKAK WRAKDVAIKQIESESERKAFIVELRQLSRVNHPIVLYGACLNVPCLVMEYAE GGSLYNVLHGAEPLPYTAAHAMSACLQCSQGVAYLHSMQPKALIHRLKPP NLLLAVAGGTVLKICDFGTACDIQTHMTNNGKSAAWMAPEVFEGSNYSEKCDVF SWGIIWVEVITRRKPFDEIGGPAFRIMWAVHNGTRPPLIKNLPKPIESLMTRCWS KDPSQRPSMEEIVKIMTHLMRYFPGADEPLQYPCQYSDEGQSN SATSTGSFM DIASNTSNKSDTNMEQVPATNDTIKRLESKLLKNQAKQQSESGRLSLGASRG SSVESLPPTSEGKRMSADMSEIEARIAATTGNGQPRRSIQDLTVTGTEPGQV SSRSSPSVRMITTSIPTSEKPTRSHPWTPDDSTDTNGSDNSIPMAYLTLDHQ LQPLAPCPNSKESMAVFEQHCMAQEYMKVQTEIALLLQRKQELVAELDQDEK DQNTSRLVQEHEKLLDENKSLSTYYQQCKKQLEVIRSQQKQKRGTS</p>
Gene ID	6885
Gene Symbol	MAP3K7
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 TAK1 Protein [H00006885-P01]



Functional: Recombinant Human TAK1 Protein [H00006885-P01]



Publications

Huy Q Le, Matthew A Hill, Ines Kollak, Martina Keck, Victoria Schroeder, Johannes Wirth, Wioletta Skronska-Wasek, Eva Schruf, Benjamin Strobel, Heiko Stahl, Franziska E Herrmann, Alexandre R Campos, Jun Li, Karsten Quast, Dagmar Knebel, Coralie Viollet, Matthew J Thomas, David Lamb, James P Garnett An EZH2-dependent transcriptional complex promotes aberrant epithelial remodelling after injury EMBO Reports 2021-07-05 [PMID: 34224201]

Sorrentino A, Thakur N, Grimsby S et al. The type I TGF-beta receptor engages TRAF6 to activate TAK1 in a receptor kinase-independent manner. Nat Cell Biol. 2008-10-01 [PMID: 18758450]

Liu X, Yao M, Li N et al. CaMKII promotes TLR-triggered proinflammatory cytokine and type I interferon production by directly binding and activating TAK1 and IRF3 in macrophages. Blood. 2008-09-25 [PMID: 18818394]

Salazar L, Kashiwada T, Krejci P et al. Fibroblast Growth Factor Receptor 3 Interacts with and Activates TGFb-Activated Kinase 1 Tyrosine Phosphorylation and NFkB Signaling in Multiple Myeloma and Bladder Cancer. PLoS One. 2014-01-23 [PMID: 24466111]



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Products Related to H00006885-P01-10ug

H00006885-Q01-10ug	Recombinant Human TAK1 GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
NB100-56363	TAK1 Antibody
M6000B-1	IL-6 [HRP]

Limitations

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