



# Recombinant Human TGF-beta-activated kinase 1 and MAP3K7-binding protein 3 (TAB3)

<b>Product Code</b>	CSB-EP850806HU-B
<b>Abbreviation</b>	TAB3
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q8N5C8
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	AQSSPQLDI QVLHDLRQRF PEIPEGVVSQ CMLQNNNNLE ACCRALSQES SKYLYMEYHS PDDNRMNRNR LLHINLGIHS PSSYHPGDGA QLNGGRTL VH SSSDGHIDPQ HAAGKQLICL VQEPHSAPAV VAATPNYNPF FMNEQNRSA TTPSQPPQQP SSMQTGMNPS AMQGPSPPPP PPSYMHIPRY STNPITVTVS QNLPSGQTVP RALQILPQIP SNLYGSPGSI YIRQTSQSSS GRQTPQSTPW QSSPQGPVPH YSQRPLPVYP HQQNYQPSQY SPKQQQIPQS AYHSPPPSQC PSPFSSPQH QVPSQLGHIF MPPSPSTTP HPYQQGPPSY QKQGSHSVAY LPYTASSLSK GSMKKIEITV EPSQRPGTAI NRSPSPISNQ PSPWNQHSLY TATTPSSSP SRGISSQPKP PFSVNPVYIT YTQPTGPSCT PSPSPRVIPN PTTVFKITVG RATTENLLNL VDQEERSAAP EPIQPISVIP GSGGEKGS HK YQRSSSSGSD DYAYTQALLL HQRARMERLA KQLKLEKEEL ERLKSEVNGM EHDLMQRRLR RVSC TTAIPT PEEMTRLRSM NRQLQINVDC TLKEVDLLQS RGNFDPKAMN NFYDNIIEPGP VVPPKPSKKD SSDPCTIERK ARRISVTSKV QADIHDTQAA AADEHRTGST QSPRTQPRDE DYEGAPWNCD SCTFLNHPAL NRCEQCEMPR YT
<b>Source</b>	E.coli
<b>Target Names</b>	TAB3
<b>Protein Names</b>	Recommended name: TGF-beta-activated kinase 1 and MAP3K7-binding protein 3 Alternative name(s): Mitogen-activated protein kinase kinase kinase 7-interacting protein 3 NF-kappa-B-activating protein 1 TAK1-binding protein 3 Short name=
<b>Expression Region</b>	2-712
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	The product of this gene functions in the NF-kappaB signal transduction



pathway. The encoded protein, and the similar and functionally redundant protein MAP3K7IP2/TAB2, forms a ternary complex with the protein kinase MAP3K7/TAK1 and either TRAF2 or TRAF6 in response to stimulation with the pro-inflammatory cytokines TNF or IL-1. Subsequent MAP3K7/TAK1 kinase activity triggers a signaling cascade leading to activation of the NF-kappaB transcription factor. The human genome contains a related pseudogene. Alternatively spliced transcript variants have been described, but their biological validity has not been determined.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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