

TAK1 Recombinant Protein | TAK1L recombinant protein

Recombinant TAK1 Like Protein (TAK1L)

CATALOG # AAA144103	HOST E. coli	APPLICATIONS Western Blot, SDS-Page
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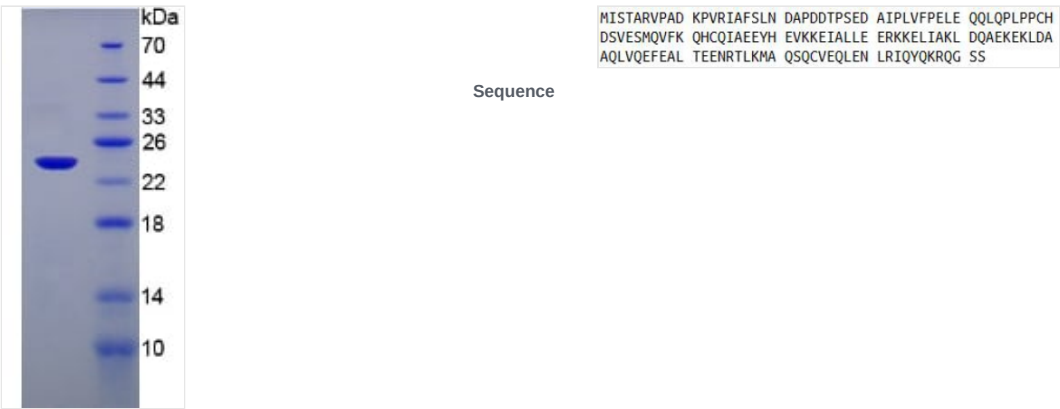
PRODUCT SYNONYMS

TAK1; Recombinant TAK1 Like Protein (TAK1L); TAK1L recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Purity/Purification	> 97%
Form/Format	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM DTT, 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for TAK1L recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Mus musculus (Mouse)
Source	Prokaryotic expression
Residues	Met1~Ser142
Traits	Freeze-dried powder
Predicted isoelectric point	4.8
Phenomenon explanation	The possible reasons that the actual band size differs from the predicted are as follows: 1. Splice variants: Alternative splicing may create different sized proteins from the same gene. 2. Relative charge: The composition of amino acids may affects the charge of the protein. 3. Post-translational modification: Phosphorylation, glycosylation, methylation etc. 4. Post-translation cleavage: Many proteins are synthesized as pro-proteins, and then cleaved to give the active form. 5. Polymerization of the target protein: Dimerization, multimerization etc.
Usage	Reconstitute in ddH ₂ O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	321400084
NCBI GeneID	100529234
NCBI Accession #	NP_001189463.1
NCBI GenBank Nucleotide #	NM_001202534.1
NCBI Official Full Name	tak1
NCBI Official Symbol	tab1
NCBI Protein Information	tak1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/tak1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/144103>