

## Recombinant Human TBX5 protein(1-518aa), His&Myc-tagged

Cat. No. TBX5-5364H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TBX5 protein(Q99593)(1-518aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-518aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	65.2 kDa
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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.

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**AA Sequence**

MADADEGFGLAHTPLEPDAKDLPCDSKPESALGAPSKSPSSPQAAFTQQGMEGIKV  
 FLHERELWLKFHEVGTMIITKAGRRMFPSYKVKVTGLNPKTKYILLMDIVPADDHRY  
 KFADNKWSVTGKAEPAMPGRLYVHPDSPATGAHWMRQLVSFQKCLKLTNNHLDPFG  
 HIILNSMHKYQPR LHIVKADENNGFGSKNTAFCTHVFPETAFIAVTSYQNHKITQLKIE  
 NNPFAGKFRGSDDMELHRMSRMQSKEYPVVPRSTVRQKVASNHSPFSSESRALST  
 SSNLGSQYQCENGVSGPSQDLLPPPNPYPLPQEHSQIYHCTKRKEEECSTTDHPYK  
 KP YMETSPSEEDSFYRSSYPQQQGLGASYRTE SAQRQACMYASSAPPSEPVPSLE  
 DISCNTWPSMPSYSSCTVTTVQPM DRLPYQH FSAHFTSGPLVPRLAGMANHGSPQ  
 LGEGMFQHQT SVAHQPVVRQC GPQTGLQSPGTLQPPEFLYSHGVPRTLSPHQYHS  
 VHGVGMVPEWSDNS

**GENE INFORMATION**

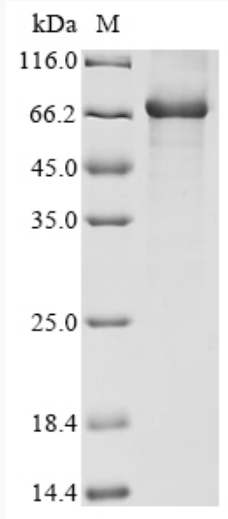
<b>Gene Name</b>	TBX5 T-box 5 [ Homo sapiens ]
<b>Official Symbol</b>	TBX5
<b>Synonyms</b>	TBX5; T-box 5; HOS; T-box transcription factor TBX5; T-box protein 5;
<b>Gene ID</b>	6910
<b>mRNA Refseq</b>	NM_000192
<b>Protein Refseq</b>	NP_000183
<b>MIM</b>	601620
<b>UniProt ID</b>	Q99593

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**SDS-PAGE**



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