

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

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

SPECIFICATION

Product Overview	Recombinant Human TBX5 protein(Q99593)(1-518aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-518aa
Form	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.
Molecular Mass	65.2 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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.

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AA Sequence

MADADEGFGLAHTPLEPDAKDLPCDSKPESALGAPSKSPSSPQAAFTQQGMEGIKV
 FLHERELWLKFHEVGTEMIITKAGRRMFPSYKVKVTGLNPKTKYILLMDIVPADDHRY
 KFADNKWSVTGKAEPAMPGRLYVHPDSPATGAHWMRQLVSFQKLKLTNNHLDPFG
 HIILNSMHKYQPRLHIVKADENNGFGSKNTAFCTHVFPETAFIAVTSYQNHKITQLKIE
 NNPFAKGFRGSDDMELHRMSRMQSKEYPVVPRSTVRQKVASNHSPFSSESRALST
 SSNLGSQYQCENGVSGPSQDLLPPPNPYPLPQEHSQIYHCTKRKEEEECSTTDHPYK
 KPYPMETSPSEEDSFYRSSYPQQQGLGASYRTESAQRQACMYASSAPPSEPVPSLE
 DISCNTWPSMPSYSSCTVTTVQPMDRLPYQHFSAHFTSGPLVPRLAGMANHGGSPQ
 LGEGMFQHQTSVAHQPVVRQCGPQTGLQSPGTLQPPEFLYSHGVPRTLSPHQYHS
 VHGVGMVPEWSDNS

GENE INFORMATION

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

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