

Recombinant Human TBX5, GST-tagged

Cat. No. TBX5-3145H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TBX5 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	N-term-328aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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

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mRNA Refseq	NM_000192
Protein Refseq	NP_000183
MIM	601620
UniProt ID	Q99593
Chromosome Location	12q24.1
Pathway	Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Heart Development, organism-specific biosystem; YAP1- and WWTR1 (TAZ)-stimulated gene expression, organism-specific biosystem;
Function	DNA binding; RNA polymerase II regulatory region sequence-specific DNA binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; sequence-specific DNA binding transcription factor activity; trans