

## Recombinant Human TBX21, GST-tagged

Cat. No. TBX21-3141H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TBX21 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-328aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	TBX21 T-box 21 [ Homo sapiens ]
<b>Official Symbol</b>	TBX21
<b>Synonyms</b>	TBX21; T-box 21; T-box transcription factor TBX21; T bet; TBLYM; T-box protein 21; T-box expressed in T cells; transcription factor TBLYM; T-cell-specific T-box transcription factor T-bet; TBET; T-PET; T-bet;

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<b>Gene ID</b>	30009
<b>mRNA Refseq</b>	NM_013351
<b>Protein Refseq</b>	NP_037483
<b>MIM</b>	604895
<b>UniProt ID</b>	Q9UL17
<b>Chromosome Location</b>	17q21.2
<b>Pathway</b>	Calcineurin-regulated NFAT-dependent transcription in lymphocytes, organism-specific biosystem; Glucocorticoid receptor regulatory network, organism-specific biosystem; IL12 signaling mediated by STAT4, organism-specific biosystem; IL12-mediated signaling
<b>Function</b>	DNA binding; sequence-specific DNA binding transcription factor activity; transcription regulatory region DNA binding;

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