

Recombinant Human TBX21 protein, T7/His-tagged

Cat. No. TBX21-195H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human T-bet cDNA (535aa, which derived from BC039739) fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Form	0.2 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	MASMTGGQQMGRGRHHHHHGNLYFQGGEGFIVEPGCGDMLTGTEPMPGSDEGR APGADPQHRYFYPEPGAQDADE RRGGSLSGSPYPGGALVPAPPSRFLGAYAYPP RPQAAGFPGAGESFPPADAEGYQPGEGYAAPDPRAGLYPGPR EDYALPAGLEV SGKLRVALNNHLLWSKFNQHQTMIITKQGRRMFPLSFTVAGLEPTSHYRMFVDV VLVDQHHW RYQSGKWWQCGKAEGSMPGNRLYVHPDSPNTGAHWMRQEVSFQK LKLTNNKGASNNVTQMIVLQSLHKYQPRLHI VEVNDGEPEAACNASNTHIFTFQETQ FIAVTAYQNAEITQLKIDNNPFAKGFRENFESMYTSVDTSPSPGPNC QFLGGDHY SPLLPNQYPVPSRFYPDLPGQAKDVVPQAYWLGAPRDHSYEAEFRAVSMKPAFLP SAPGPTMSYYRG QEV LAPGAGWPVAPQYPPKMGPASWFRPMRTLPMEPGPGGS EGRGPEDQGPPLVWTEIAPIRPESSDGLGEGDS KRRRVSPYPSSGDSSSPAGAP SPFDKEAEGQFYNYFPN
Purity	>90% by SDS-PAGE.
Storage	Keep at -80°C for long term storage. Product is stable at 4 °C for at least 30 days.

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GENE INFORMATION

Gene Name	TBX21 T-box 21 [Homo sapiens]
Official Symbol	TBX21
Synonyms	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; TBET; T-PET; T-bet;
Gene ID	30009
mRNA Refseq	NM_013351
Protein Refseq	NP_037483
MIM	604895
UniProt ID	Q9UL17
Chromosome Location	17q21.2
Pathway	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 events, organism-specific biosystem; IL27-mediated signaling events, organism-specific biosystem;
Function	DNA binding; sequence-specific DNA binding transcription factor activity; transcription regulatory region DNA binding;

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