

Recombinant Human RUNX1T1, His-tagged

Cat. No. RUNX1T1-2472H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RUNX1T1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-351aa
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 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	RUNX1T1 runt-related transcription factor 1; translocated to, 1 (cyclin D-related) [Homo sapiens]
Official Symbol	RUNX1T1
Synonyms	RUNX1T1; runt-related transcription factor 1; translocated to, 1 (cyclin D-related); AML1T1, CBFA2T1, core binding factor, runt domain, alpha subunit 2; translocated to, 1; cyclin D related; protein CBFA2T1; CDR; ETO; MTG8; ZMYND2; eight twenty

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one protein; myeloid translocation gene on 8q22; zinc finger MYND domain-containing protein 2; acute myelogenous leukemia 1 translocation 1, cyclin-D related; core-binding factor, runt domain, alpha subunit 2; translocated to, 1; cyclin D-related; AML1T1; CBFA2T1; MGC2796; FLJ33145; DKFZp564B213;

Gene ID	862
mRNA Refseq	NM_175634
Protein Refseq	NP_783552
MIM	133435
UniProt ID	Q06455
Chromosome Location	8q22
Pathway	Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosystem; Pathways in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem;
Function	DNA binding; identical protein binding; metal ion binding; protein binding; protein homodimerization activity; sequence-specific DNA binding transcription factor activity; zinc ion binding;