

# Recombinant Human RUNX1T1, His-tagged

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

## SPECIFICATION

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

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                      |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | RUNX1T1 runt-related transcription factor 1; translocated to, 1 (cyclin D-related) [ Homo sapiens ]                                                                                                                                                  |
| <b>Official Symbol</b> | RUNX1T1                                                                                                                                                                                                                                              |
| <b>Synonyms</b>        | 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 |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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;

|                            |                                                                                                                                                                                                                                                                                        |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 862                                                                                                                                                                                                                                                                                    |
| <b>mRNA Refseq</b>         | NM_175634                                                                                                                                                                                                                                                                              |
| <b>Protein Refseq</b>      | NP_783552                                                                                                                                                                                                                                                                              |
| <b>MIM</b>                 | 133435                                                                                                                                                                                                                                                                                 |
| <b>UniProt ID</b>          | Q06455                                                                                                                                                                                                                                                                                 |
| <b>Chromosome Location</b> | 8q22                                                                                                                                                                                                                                                                                   |
| <b>Pathway</b>             | 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; |
| <b>Function</b>            | DNA binding; identical protein binding; metal ion binding; protein binding; protein homodimerization activity; sequence-specific DNA binding transcription factor activity; zinc ion binding;                                                                                          |