

## Recombinant Rat Runx1 protein, His-tagged

**Cat. No.** Runx1-3455R    **Lot. No.** (See product label)

### SPECIFICATION

**Product Overview**      Recombinant Rat Runx1 protein(Q63046)(1-450aa), fused to N-terminal His tag, was expressed in E. coli.

**Species**                      Rat

**Source**                        E.coli

**ProteinLength**              1-450aa

**Form**                              If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.  
If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

**Molecular Mass**              52.6 kDa

**AA Sequence**                      MRIPVDASTSRRFTPPSTALSPGKMSEALPLGAPDGGGAALASKLRSGDRSMVEVLA  
DHPGELVRTDSPNFLCSVLPTHWR CNKTLPIAFKVVALGDVPDGLVTVMAGNDEN  
YSAELRNATAAMKNQVARFNDLRFVGRS GRGKSFTLTITVFTNPPQVATYHRAIKITV  
DGPREPRRHRQKLDDQTKPGSLSF SERLSELEQLRRTAMRVSPHHPAPTPNPRAS  
LNHSTAFNPQPQSQMQDARQIQPSP PWSYDQSYQYLGSITSSVHPATPISPGRASG  
MTLSAELSSRLSTAPDLTAFGDPRQFP TLPISDPRMHYPGAFTYSPPVTSGIGIGM  
SAMSSTSR YHTYLPPYPGSSQAQAGPFQTGSPSYHLYYGTSAGSYQFSMVGGER  
SPPRILPPCTNASTGAALLNPSLPSQSD VVETEGSHSNSPTNMPPARLEEAVWRPY

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<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Runx1 runt-related transcription factor 1 [ Rattus norvegicus ]</a>
<b>Official Symbol</b>	<a href="#">Runx1</a>
<b>Synonyms</b>	RUNX1; runt-related transcription factor 1; CBF-alpha-2; PEA2-alpha B; PEBP2-alpha B; oncogene AML-1; acute myeloid leukemia 1 protein; core-binding factor subunit alpha-2; runt related transcription factor 1; polyomavirus enhancer-binding protein 2 alpha B subunit; core-binding factor runt domain alpha subunit 2 (acute myeloid leukemia 1 oncogene); Aml1; Cbfa2;
<b>Gene ID</b>	<a href="#">50662</a>
<b>mRNA Refseq</b>	<a href="#">NM_017325</a>
<b>Protein Refseq</b>	<a href="#">NP_059021</a>

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