

Recombinant Human RUNX1, GST-tagged

Cat. No. RUNX1-2471H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RUNX1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	214-277aa
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 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	RUNX1 runt-related transcription factor 1 [Homo sapiens]
Official Symbol	RUNX1
Synonyms	RUNX1; runt-related transcription factor 1; acute myeloid leukemia 1 , AML1, CBFA2; aml1 oncogene; AMLCR1; PEBP2A2; CBF-alpha-2; PEA2-alpha B; PEBP2-alpha B; oncogene AML-1; AML1-EVI-1 fusion protein; acute myeloid leukemia 1 protein; core-binding factor subunit alpha-2; SL3-3 enhancer factor 1 alpha B subunit; SL3/AKV

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	core-binding factor alpha B subunit; core-binding factor, runt domain, alpha subunit 2; polyomavirus enhancer-binding protein 2 alpha B subunit; AML1; CBFA2; EVI-1; PEBP2aB; AML1-EVI-1;
Gene ID	861
mRNA Refseq	NM_001001890
Protein Refseq	NP_001001890
MIM	151385
UniProt ID	Q01196
Chromosome Location	21q22.3
Pathway	Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosystem; Androgen Receptor Signaling Pathway, organism-specific biosystem; Chronic myeloid leukemia, organism-specific biosystem; Chronic myeloid leukemia, conserved biosystem; Pathways in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, organism-specific biosystem;
Function	ATP binding; DNA binding; calcium ion binding; protein binding; protein heterodimerization activity; protein homodimerization activity; regulatory region DNA binding; sequence-specific DNA binding transcription factor activity; sequence-specific DNA binding