



Recombinant Rat Runt-related transcription factor 1 (Runx1)

Product Code	CSB-EP020592RA-B
Abbreviation	Runx1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q63046
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	MRIPVDASTS RRFTPPSTAL SPGKMSEALP LGAPDGGGAAL ASKLRSGDRS MVEVLADHPG ELVRTDSPNF LCSVLPTHWR CNKTLPIAFK VVALGDVPDG TLVTVMAGND ENYSAELRNA TAAMKNQVAR FNDLRFVGRS GRGKSFTLTI TVFTNPPQVA TYHRAIKITV DGPREPRRHR QKLDDQTKPG SLSFSERLSE LEQLRRTAMR VSPHHPAPTP NPRASLNHST AFNPQPQSQM QDARQIQPSP PWSYDQSYQY LGSITSSVHP ATPISPGRAS GMTSLSAELS SRLSTAPDLT AFGDPRQFPT LPSISDPRMH YPGAFTYSPP VTSGIGIGMS AMSSTSRHYT YLPPYPGSS QAQAGPFQTG SPSYHLYYGT SAGSYQFSMV GGERSPPRIL PPCTNASTGA ALLNPSLPSQ SDVVETEGSH SNSPTNMPPA RLEEAVWRPY
Source	E.coli
Target Names	Runx1
Protein Names	Recommended name: Runt-related transcription factor 1 Alternative name(s): Acute myeloid leukemia 1 protein Core-binding factor subunit alpha-2 Short name= CBF-alpha-2 Oncogene AML-1 Polyomavirus enhancer-binding protein 2 alpha
Expression Region	1-450
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	Core binding factor (CBF) is a heterodimeric transcription factor that binds to the core element of many enhancers and promoters. This protein represents the alpha subunit of CBF and is thought to be involved in the development of normal hematopoiesis. Chromosomal translocations involving this gene are well-documented and have been associated with several types of leukemia. Three transcript variants encoding different isoforms have been found for this gene.



Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.

Shelf Life

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