



Recombinant Mouse Runt-related transcription factor 3 (Runx3)

Product Code	CSB-EP020595MO-B
Abbreviation	Runx3
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.	Q64131
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	MRIPVDPSTS RRFTPPSTAF PCGGGGGGGKM GENSGALSAQ ATAGPGGRTR PEVRSMVDVL ADHAGELVRT DSPNFLCSV LPSHWRCNKT L PVAFKVVALG DVPDGTVVTV MAGNDENYSA ELRNASAVMK NQVARFNDLR FVGRSGRGKS FTLTITVFTN PTQVATYHRA IKVTVDGP REPRRHRQKIED QTKAFPD RFGDLRMRVTPST PSPRGSLSTT SHFSSQAQTP IQGSSDLNPF SDPRQFDRSF PTLQSLTESR FPDPRMHYPG AMSAAFPYSA TPSGTSLGSL SVAGMPASSR FHHTYLPPPY PGAPQSQSGP FQANPAPYHL FYGASSGSYQ FSMAAAGGGE RSPTRMLTSC PSGASVSAGN LMNPSLGQAD GVEADGSHSN SPTALSTPGR MDEAVWRPY
Source	E.coli
Target Names	Runx3
Protein Names	Recommended name: Runt-related transcription factor 3 Alternative name(s): Acute myeloid leukemia 2 protein Core-binding factor subunit alpha-3 Short name= CBF-alpha-3 Oncogene AML-2 Polyomavirus enhancer-binding protein 2 alpha
Expression Region	1-409
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	This gene encodes a member of the runt domain-containing family of transcription factors. A heterodimer of this protein and a beta subunit forms a complex that binds to the core DNA sequence 5'-PYGPGGT-3' found in a number of enhancers and promoters, and can either activate or suppress transcription. It also interacts with other transcription factors. It functions as a tumor suppressor, and the gene is frequently deleted or transcriptionally silenced in cancer. Multiple 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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