



Recombinant Human Runt-related transcription factor 3 (RUNX3)

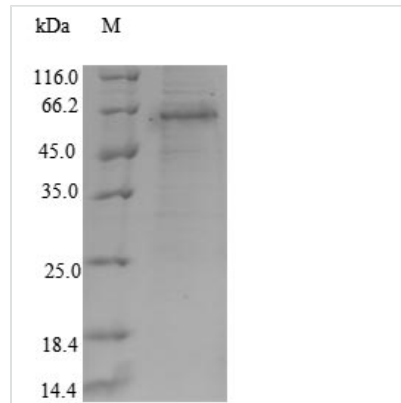
Product Code	CSB-EP020595HU
Relevance	CBF binds to the core site, 5'-PYGPYGGT-3', of a number of enhancers and promoters, including murine leukemia virus, polyomavirus enhancer, T-cell receptor enhancers, Ick, IL-3 and GM-CSF promoters. In association with ZFH3, upregulates CDKN1A promoter activity following TGF-beta stimulation (PubMed:20599712).
Abbreviation	Recombinant Human RUNX3 protein
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.	Q13761
Alias	Acute myeloid leukemia 2 protein Core-binding factor subunit alpha-3 Short name:CBF-alpha-3
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MRIPVDPSTSRRTTPSPAFPCGGGGGKMGENSGALSAQAAGVPGGRARPE VRSMVDVLADHAGELVRTDSPNFLCSVLPSHWRCNKTLPVAFKVVALGDVPD GTVVTVMAGNDENYSAELRNASAVMKNQVARFNDLRFVGRSGRGKSFTLTIT VFTNPTQVATYHRAIKVTVDGPREPRRHRQKLEDQTKPFPDRFGDLRLMR VTPSTSPRGSLSTTSHFSSQPQTPIQGTSELNPFSDPRQFDRSFPTLPTLTES RFPDPRMHYPGAMSAAFPYSATPSGTSISSLSVAGMPATSRFHHTYLPPYP GAPQNNQSGPFQANPSPYHLYGTSSGSYQFSMVAGSSSGGDRSPTRMLASC TSSAASVAAGNLMNPSLGGQSDGVEADGSHSNSPTALSTPGRMDEAVWRPY
Research Area	Epigenetics and Nuclear Signaling
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	1-415aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged



Mol. Weight 49.4kDa

Protein Length Full Length

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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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