

Recombinant Human RUNX1 Protein Product Manual

1. Product Basic Information

Product No.: REP08140

Protein Name: Pea2-Alpha Mutant Runx1 (RUNX1)

Aliases: AML1; CBFA2; EVI-AMLCR1; PEBP2aB; CBF2alpha; AML1-EVI-PEBP2alpha; PEA2-alpha mutant RUNX1; PEBP2-alpha oncogene AML-AML1-ETO fusion; AML1-ETO fusion protein; AML1-EVI-1 fusion protein; acute myeloid l...

UniProt ID: Q01196

UniProt Link: <https://www.uniprot.org/uniprotkb/Q01196/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-453aa)

Molecular Weight: 53.8 kDa

Protein Tag: N-terminal 10xHis-tagged and C-terminal Myc-tagged

2. Amino Acid Sequence (1-453aa)

MRIPVDASTSRRFTTPSTALSPGKMSEALPLGAPDAGAALAGKLRSGDRSMVEVLA
DHPGELVRTDSPNFLCSVLPTHWRCNKTLPIAFKVVVALGDVDPDGLVTVMAGNDEN
YSAELRNATAAMKNQVARFNDLRFVGRSGRGKSFTLTITVFTNPPQVATYHRAIKIT
VDGPREPRRHRQKLLDDQTKPGSLSFSERLSELEQLRRTAMRVSPHHPAPTPNPRA
SLNHSTAFNPQPQSQMQDTRQIQSPSPWSYDQSYQYLGSIASPSVHPATPISPGRA
SGMTTLSAELSSRLSTAPDLTAFSDPRQFPALPSISDPRMHYPGAFTYSPTPVTSGL
GIGMSAMGSATRYHTYLPPYPGSSQAQGGPFQASSPSYHLYYGASAGSYQFSM
VGGERSPPRILPPCTNASTGSALLNPQLPNQSDVVEAEGSHSNSPTNMAPSARLEE
AVWRPY

3. Storage Buffer

Liquid Delivery Form: Tris-based buffer with 50% glycerol.

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.



4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human RUNX1 full length protein (1-453aa) expressed in E.coli. The protein is dual-tagged with 10xHis tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification.

RUNX1, also known as AML1 or CBFA2 or EVI-AML1, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.