

**RUNX3, 53-186aa, Human, His tag, E.coli**

**Cat.NO.: TP03811**

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3th Edition

**Synonyms:**Runt-related transcription factor 3, AML2, CBFA3, PEBP2aC

**Description:**RUNX3, also known as runt-related transcription factor 3, belongs to the RUNX family that regulate the expression of genes involved in cellular differentiation and cell cycle progression. A heterodimer of this protein and a beta subunit forms a complex that binds to the core DNA sequence 5'-PYGPYGGT-3' found in a number of enhancers and promoters, and can either activate or suppress transcription.

**Form:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl,1mM DTT

**Molecular Weight:**17.1 kDa (155aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMRSMVDVLADHAGELVRTDSPNFLCSVLP SHWRCNKTLPVAFKVVVALGDVPDGT  
VVTVMAGNDENYS AELRNASAVMKNQVARFNDLRFVGRSGRGKSFTLTITVFTNPTQVATYHRAIKVTVDGPREPR  
RHRQK

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.