

Product information



RUNX3, 53-186 aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP0576

Full name: Runt-related transcription factor 3

NCBI Accession No.: NP_004341

Synonyms: AML2, CBFA3, PEBP2aC

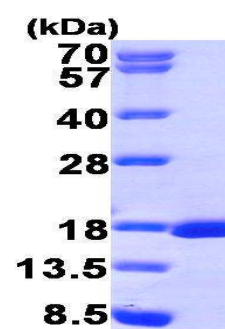
Description: RUNX3, also known as runt-related transcription factor 3, belongs to the RUNX family that regulate the expression of genes involved in cellular differentiation and cell cycle progression. A heterodimer of this protein and a beta subunit forms a complex that binds to the core DNA sequence 5'-PYGPGYGGT-3' found in a number of enhancers and promoters, and can either activate or suppress transcription. It also interacts with other transcription factors. It is a strong candidate as a gastric cancer tumor suppressor. Recombinant human RUNX3, fused to His-tag at N-terminus, protein was expressed in *E.coli* and purified by using conventional chromatography techniques.

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

Purity: > 95% by SDS - PAGE

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



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MRSMDVLAD HAGELVRTDS PNFLCSVLPS HWRCNKTLPV AFKVVALGDV PDGTVVTVMA GNDENYS AEL
RNASAVMKNQ VARFNDLRFV GRSGRGKSFT LTITVFTNPT QVATYHRAIK VTVDGPREPR RHRQK

General references:

Vogiatzi P. *et al.* (2006) *Cancer Biol Ther.* 5(4):371-4.

Li QL, *et al.* (2002) *Cell.* 109(1):113-24.

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.

Product information



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.

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