

## Product datasheet for **AR09513PU-L**

### **RUNX3 (53-186, His-tag) Human Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	RUNX3 (53-186, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>M</u> RSMVDVLAD HAGELVRTDS PNFLCSVLPS HWRCNKTLPV AFKVALGDV PDGTVVTVMA GNDENYSAEL RNASAVMKNQ VARFNDLRFV GRSGRGKSFT LTITVFTNPT QVATYHRAIK VTVDGPREPR RHRQK
Tag:	His-tag
Predicted MW:	17.1 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1 M NaCl, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human RUNX3, fused to His-tag at N-terminus, protein was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001026850</u>
Locus ID:	864
UniProt ID:	<u>Q13761</u> , <u>A0A024RAH4</u>
Cytogenetics:	1p36.11
Synonyms:	AML2; CBFA3; PEBP2aC



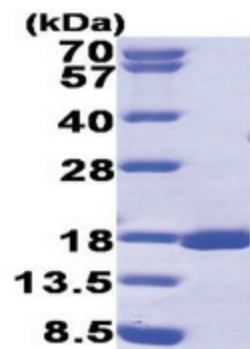
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**Summary:**

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'-PYGPYGGT-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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016]

**Protein Families:**

Transcription Factors

**Product images:**

15% SDS-PAGE (3ug)