

Datasheet for ABIN2731253

## RUNX1 Protein (Transcript Variant 2) (Myc-DYKDDDDK Tag)



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2 Images

1 Publication

### Overview

Quantity:	20 µg
Target:	RUNX1
Protein Characteristics:	Transcript Variant 2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This RUNX1 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Functional Studies (Func), Protein Interaction (PI), Standard (STD)

### Product Details

Specificity:	Optimal preservation of protein structure, post-translational modifications and functions.
Characteristics:	<ul style="list-style-type: none"><li>• Recombinant human RUNX1 (transcript variant 2) protein expressed in HEK293 cells.</li><li>• Produced with end-sequenced ORF clone</li><li>• Tested for bioactivity.</li></ul>
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Biological Activity Comment:	RUNX1 Activity verified in a DNA-binding assay:

### Target Details

Target:	RUNX1
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## Target Details

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Alternative Name:	Runx1 ( <a href="#">RUNX1 Products</a> )
Background:	Core binding factor (CBF) is a heterodimeric transcription factor that binds to the core element of many enhancers and promoters. The protein encoded by this gene represents the alpha subunit of CBF and is thought to be involved in the development of normal hematopoiesis. Chromosomal translocations involving this gene are well-documented and have been associated with several types of leukemia. Three transcript variants encoding different isoforms have been found for this gene.
Molecular Weight:	48.6 kDa
NCBI Accession:	<a href="#">NP_001001890</a>

## Application Details

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Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays Protein-protein interaction In vitro biochemical assays and cell-based functional assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

## Handling

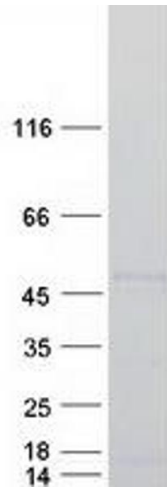
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Concentration:	> 50 µg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

## Publications

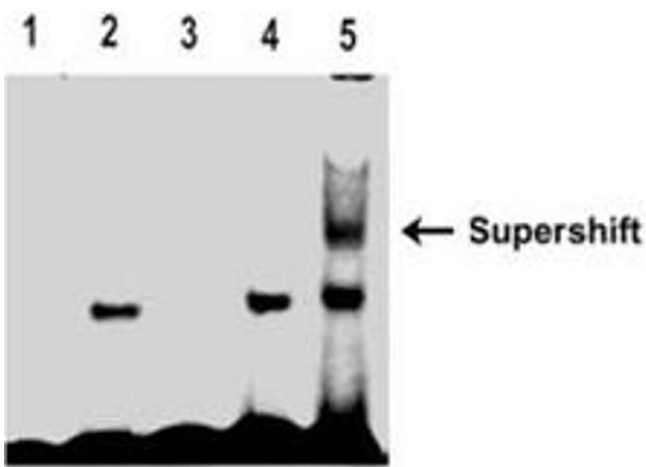
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Product cited in:	Glatzel-Plucinska, Piotrowska, Grzegorzolka, Olbromski, Rzechonek, Dziegiel, Podhorska-Okolow: "SATB1 Level Correlates with Ki-67 Expression and Is a Positive Prognostic Factor in Non-small Cell Lung Carcinoma." in: <b>Anticancer research</b> , Vol. 38, Issue 2, pp. 723-736, (2018) ( <a href="#">PubMed</a> ).
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### Western Blotting

**Image 1.** Validation with Western Blot



### Activity Assay

**Image 2.** Bioactivity measured with Activity Assay