## antibodies -online.com





## **GATA3 Protein (Transcript Variant 2) (Myc-DYKDDDDK Tag)**



Image



Publication



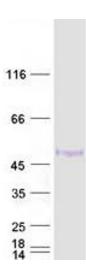
Go to Product page

Overview	
Quantity:	20 μg
Target:	GATA3
Protein Characteristics:	Transcript Variant 2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This GATA3 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> <li>Recombinant human GATA3 (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:	GATA3 Activity Verified in a DNA-binding Assay: DNA binding activity of GATA3 as a function of protein concentration. Sensitivity to competitor oligonucleotide demonstrates specificity of

protein-DNA binding.

## **Target Details**

rarget betails	
Target:	GATA3
Alternative Name:	Gata3 (GATA3 Products)
Background:	This gene encodes a protein which belongs to the GATA family of transcription factors. The
	protein contains two GATA-type zinc fingers and is an important regulator of T-cell
	development and plays an important role in endothelial cell biology. Defects in this gene are the
	cause of hypoparathyroidism with sensorineural deafness and renal dysplasia.
Molecular Weight:	47.7 kDa
NCBI Accession:	NP_002042
Pathways:	Hormone Transport, Regulation of Hormone Metabolic Process, Tube Formation
Application Details	
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	
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	
Product cited in:	Kao, Stankovic: "Transactivation of human osteoprotegerin promoter by GATA-3." in: <b>Scientific</b>
	reports, Vol. 5, pp. 12479, (2015) (PubMed).



## **Western Blotting**

Image 1. Validation with Western Blot