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## KRT8 Protein (Myc-DYKDDDDK Tag)



Image



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Overview		
Quantity:	20 μg	
Target:	KRT8	
Origin:	Human	
Source:	HEK-293 Cells	
Protein Type:	Recombinant	
Purification tag / Conjugate:	This KRT8 protein is labelled with Myc-DYKDDDDK Tag.	
Application:	Antibody Production (AbP), Standard (STD)	
Product Details		
Characteristics:	<ul> <li>Recombinant human Cytokeratin 8 protein expressed in HEK293 cells.</li> <li>Produced with end-sequenced ORF clone</li> </ul>	
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining	
Target Details		
Target:	KRT8	
Alternative Name:	Cytokeratin 8 (KRT8 Products)	
Background:	This gene is a member of the type II keratin family clustered on the long arm of chromosome	
	12. Type I and type II keratins heteropolymerize to form intermediate-sized filaments in the	
	cytoplasm of epithelial cells. The product of this gene typically dimerizes with keratin 18 to	
	form an intermediate filament in simple single-layered epithelial cells. This protein plays a role	
	in maintaining cellular structural integrity and also functions in signal transduction and cellular	

#### **Target Details**

	differentiation. Mutations in this gene cause cryptogenic cirrhosis. Alternatively spliced transcript variants have been found for this gene.
Molecular Weight:	53.5 kDa
NCBI Accession:	NP_002264

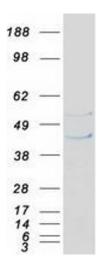
### **Application Details**

Application Notes:	Recombinant human proteins can be used for:	
	Native antigens for optimized antibody production	
	Positive controls in ELISA and other antibody assays	
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.

#### **Images**



#### **Western Blotting**

Image 1. Validation with Western Blot