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## PAX4 Protein (His tag)





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Quantity:	50 μg	
Target:	PAX4	
Origin:	Human	
Source:	Escherichia coli (E. coli)	
Protein Type:	Recombinant	
Purification tag / Conjugate:	This PAX4 protein is labelled with His tag.	
Application:	Antibody Production (AbP), Standard (STD)	
Product Details		
Characteristics:	<ul> <li>Recombinant human PAX4 (full length, N-term HIS tag) protein expressed in E. coli.</li> <li>Produced with end-sequenced ORF clone</li> </ul>	
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining	
Target Details		
Target:	PAX4	
Alternative Name:	Pax4 (PAX4 Products)	
Background:	This gene is a member of the paired box (PAX) family of transcription factors. Members of this	
	gene family typically contain a paired box domain, an octapeptide, and a paired-type	
	homeodomain. These genes play critical roles during fetal development and cancer growth.	
	The paired box 4 gene is involved in pancreatic islet development and mouse studies have	
	demonstrated a role for this gene in differentiation of insulin-producing beta cells.	

### **Target Details**

Molecular Weight:	36.9 kDa
NCBI Accession:	NP_006184

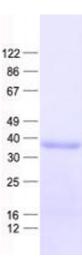
## **Application Details**

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 N-terminal.
Restrictions:	For Research Use only

### Handling

Concentration:	50 μg/mL
Buffer:	25 mM Tris, pH 8.0, 150 mM NaCl, 10 % glycerol, 1 % Sarkosyl.
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