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ITK Protein (Myc-DYKDDDDK Tag)



Image



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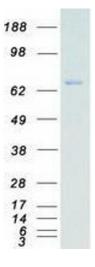
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Quantity:	20 μg		
Target:	ITK		
Origin:	Human		
Source:	HEK-293 Cells		
Protein Type:	Recombinant		
Purification tag / Conjugate:	This ITK protein is labelled with Myc-DYKDDDDK Tag.		
Application:	Antibody Production (AbP), Standard (STD)		
Product Details			
Characteristics:	 Recombinant human Tyrosine-protein kinase ITK/TSK protein expressed in HEK293 cells. Produced with end-sequenced ORF clone 		
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining		
Target Details			
Target:	ITK		
Alternative Name:	Tyrosine-Protein Kinase Itk/tsk (ITK Products)		
Background:	This gene encodes an intracellular tyrosine kinase expressed in T-cells. The protein contains both SH2 and SH3 domains which are often found in intracellular kinases. It is thought to play role in T-cell proliferation and differentiation.		
Molecular Weight:	71.7 kDa		

Target Details

- Target Details		
NCBI Accession:	NP_005537	
Pathways:	TCR Signaling, Fc-epsilon Receptor Signaling Pathway	
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