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IKBKG Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)



Image

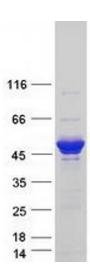


Overview	
Quantity:	20 μg
Target:	IKBKG
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IKBKG protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human NEMO / IKBKG (transcript variant 1) 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:	IKBKG
Alternative Name:	Nemo,ikbkg (IKBKG Products)
Background:	This gene encodes the regulatory subunit of the inhibitor of kappaB kinase (IKK) complex,
	which activates NF-kappaB resulting in activation of genes involved in inflammation, immunity,
	cell survival, and other pathways. Mutations in this gene result in incontinentia pigmenti,
	hypohidrotic ectodermal dysplasia, and several other types of immunodeficiencies. A

Target Details

rarget Details	
	pseudogene highly similar to this locus is located in an adjacent region of the X chromosome
Molecular Weight:	48 kDa
NCBI Accession:	NP_001093327
Pathways:	NF-kappaB Signaling, RTK Signaling, TCR Signaling, TLR Signaling, Fc-epsilon Receptor
	Signaling Pathway, Activation of Innate immune Response, M Phase, Production of Molecular
	Mediator of Immune Response, Hepatitis C, Protein targeting to Nucleus, Toll-Like Receptors
	Cascades, BCR Signaling, Ubiquitin Proteasome Pathway, S100 Proteins
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.



Western Blotting

Image 1. Validation with Western Blot