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LCK Protein (Transcript Variant 2) (Myc-DYKDDDDK Tag)



Image



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Overview	
Quantity:	20 μg
Target:	LCK
Protein Characteristics:	Transcript Variant 2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LCK protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human LCK (transcript variant 2) 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:	LCK
Alternative Name:	Lck (LCK Products)
Background:	This gene is a member of the Src family of protein tyrosine kinases (PTKs). The encoded

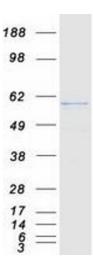
protein is a key signaling molecule in the selection and maturation of developing T-cells. It

contains N-terminal sites for myristylation and palmitylation, a PTK domain, and SH2 and SH3

domains which are involved in mediating protein-protein interactions with phosphotyrosine-

Target Details

	containing and proline-rich motifs, respectively. The protein localizes to the plasma membrane and pericentrosomal vesicles, and binds to cell surface receptors, including CD4 and CD8, and other signaling molecules. Multiple alternatively spliced variants encoding different isoforms have been described.
Molecular Weight:	57.8 kDa
NCBI Accession:	NP_005347
Pathways:	TCR Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Transition Metal Ion Homeostasis, Positive Regulation of Endopeptidase Activity, CXCR4-mediated Signaling Events, Thromboxane A2 Receptor Signaling
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