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Datasheet for ABIN2725057

LYZ Protein (Myc-DYKDDDDK Tag)



Image



Overview	
Quantity:	20 μg
Target:	LYZ
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LYZ protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human Lysozyme C 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:	LYZ
Alternative Name:	Lysozyme C (LYZ Products)
Background:	This gene encodes human lysozyme, whose natural substrate is the bacterial cell wall
	peptidoglycan (cleaving the beta[1-4]glycosidic linkages between N-acetylmuramic acid and N-
	acetylglucosamine). Lysozyme is one of the antimicrobial agents found in human milk, and is
	also present in spleen, lung, kidney, white blood cells, plasma, saliva, and tears. The protein has
	antibacterial activity against a number of bacterial species. Missense mutations in this gene

Target Details

	have been identified in heritable renal amyloidosis.
Molecular Weight:	14.7 kDa
NCBI Accession:	NP_000230

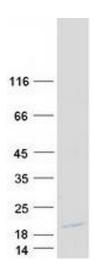
Application Details

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