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Datasheet for ABIN2714222

14-3-3 zeta Protein (YWHAZ) (Transcript Variant 6) (Myc-DYKDDDK Tag)





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Overview	
Quantity:	20 μg
Target:	14-3-3 zeta (YWHAZ)
Protein Characteristics:	Transcript Variant 6
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This 14-3-3 zeta protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	Recombinant human 14-3-3 protein zeta/delta (transcript variant 6) 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:	14-3-3 zeta (YWHAZ)
Alternative Name:	14-3-3 Protein zeta/delta (YWHAZ Products)
Background:	This gene product belongs to the 14-3-3 family of proteins which mediate signal transduction
	by binding to phosphoserine-containing proteins. This highly conserved protein family is found
	in both plants and mammals, and this protein is 99 % identical to the mouse, rat and sheep

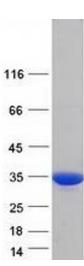
Target Details

Storage Comment:

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	orthologs. The encoded protein interacts with IRS1 protein, suggesting a role in regulating insulin sensitivity. Several transcript variants that differ in the 5' UTR but that encode the same protein have been identified for this gene.	
Molecular Weight:	27.6 kDa	
NCBI Accession:	NP_001129174	
Pathways:	Apoptosis, Hormone Transport, Myometrial Relaxation and Contraction, Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process, Synaptic Membrane, Production of Molecular Mediator of Immune Response, Maintenance of Protein Location	
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	

immediately. Only 2-3 freeze thaw cycles are recommended.

Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze



Western Blotting

Image 1. Validation with Western Blot