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## Datasheet for ABIN2714221 14-3-3 zeta Protein (YWHAZ) (Transcript Variant 5) (Myc-DYKDDDDK Tag)



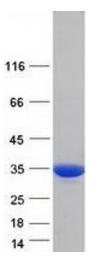


Overview

010111011	
Quantity:	20 µg
Target:	14-3-3 zeta (YWHAZ)
Protein Characteristics:	Transcript Variant 5
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:	<ul> <li>Recombinant human 14-3-3 protein zeta/delta (transcript variant 5) protein expressed in HEK293 cells.</li> <li>Produced with end-sequenced ORF clone</li> </ul>
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

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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_001129173
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
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

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