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Datasheet for ABIN2733232

TARDBP Protein (DYKDDDDK Tag)



Image



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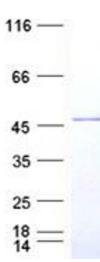
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Quantity:	20 μg	
Target:	TARDBP	
Origin:	Human	
Source:	Insect cells (Sf9)	
Protein Type:	Recombinant	
Purification tag / Conjugate:	This TARDBP protein is labelled with DYKDDDDK Tag.	
Application:	Antibody Production (AbP), Standard (STD)	
Product Details		
Characteristics:	 Recombinant human TAR DNA binding protein (TARDBP), full length, with C-terminal DDK tag, expressed in sf9 cells (full length, C-term DDK tag) protein expressed in Sf9 cells. Produced with end-sequenced ORF clone 	
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining	
Target Details		
Target:	TARDBP	
Abstract:	TARDBP Products	
Background:	HIV-1, the causative agent of acquired immunodeficiency syndrome (AIDS), contains an RNA genome that produces a chromosomally integrated DNA during the replicative cycle. Activation	

of HIV-1 gene expression by the transactivator Tat is dependent on an RNA regulatory element (TAR) located downstream of the transcription initiation site. The protein encoded by this gene

Target Details

	is a transcriptional repressor that binds to chromosomally integrated TAR DNA and represses HIV-1 transcription. In addition, this protein regulates alternate splicing of the CFTR gene. A similar pseudogene is present on chromosome 20.		
Molecular Weight:	45 kDa		
NCBI Accession:	NP_007366		
Pathways:	Positive Regulation of Peptide Hormone Secretion		
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:	50 mM Tris-HCl pH 8.0, 150 mM NaCl, 20 % glycerol. Store at -80C. Avoid repeated freeze-thaw		
	cycles. Stable for at least 3 months from receipt of products under proper storage and handling		
	conditions.		
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