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FBXO22 Protein (His tag)

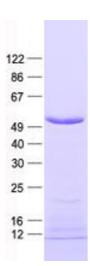




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Overview			
Quantity:	50 µg		
Target:	FBXO22		
Origin:	Human		
Source:	Escherichia coli (E. coli)		
Protein Type:	Recombinant		
Purification tag / Conjugate:	This FBXO22 protein is labelled with His tag.		
Application:	Antibody Production (AbP), Standard (STD)		
Product Details			
Characteristics:	Recombinant human FBXO22 (full length, N-term HIS tag, transcript variant 1) protein expressed in E. coli.		
	Produced with end-sequenced ORF clone		
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining		
Target Details			
Target:	FBXO22		
Alternative Name:	Fbxo22 (FBXO22 Products)		
Background:	This gene encodes a member of the F-box protein family which is characterized by an		
	approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four		
	subunits of the ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function		
	in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes:		

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	Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbxs class and, as a transcriptional target of the tumor protein p53, is thought to be involved in degradation of specific proteins in response to p53 induction. Alternative splicing results in multiple transcript variants.
Molecular Weight:	44.5
NCBI Accession:	NP_671717
Pathways:	Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development
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 N-terminal.
Restrictions:	For Research Use only
Handling	
Concentration:	50 μg/mL
Buffer:	25 mM Tris, pH 8.0, 150 mM NaCl, 10 % glycerol, 1 % Sarkosyl. 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