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MAPKSP1 Protein (Transcript Variant 1) (His tag)



Image



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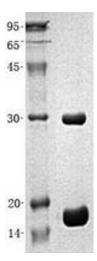
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Overview		
Quantity:	10 μg	
Target:	MAPKSP1	
Protein Characteristics:	Transcript Variant 1	
Origin:	Human	
Source:	Escherichia coli (E. coli)	
Protein Type:	Recombinant	
Purification tag / Conjugate:	This MAPKSP1 protein is labelled with His tag.	
Application:	Antibody Production (AbP), Standard (STD)	
Product Details		
Characteristics:	 Recombinant human MAP2K1IP1 (transcript variant 1) protein expressed in E. coli. Produced with end-sequenced ORF clone 	
Purity:	> 95 % as determined by SDS-PAGE and Coomassie blue staining	
Endotoxin Level:	< 0.1 EU per µg protein as determined by LAL test	
Target Details		
Target:	MAPKSP1	
Alternative Name:	Map2k1ip1 (MAPKSP1 Products)	
Background:	This gene encodes a scaffold protein that functions in the extracellular signal-regulated kinase (ERK) cascade. The protein is localized to late endosomes by the mitogen-activated protein-	

Target Details

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	binding protein-interacting protein, and binds specifically to MAP kinase kinase MAP2K1/I		
	mouse indicate that it regulates late endosomal traffic and cell proliferation. Alternatively		
	spliced transcript variants encoding multiple isoforms have been observed for this gene. A		
	pseudogene of this gene is located on the long arm of chromosome 13.		
Molecular Weight:	ight: 15.8 kDa		
NCBI Accession:	NP_068805		
Pathways:	PI3K-Akt Signaling		
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:	20 mM Tris-HCl, 100 mM NaCl, 5 mM DTT, 30 % Glycerol, pH 8.0. 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