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ARHGAP8 Protein (His tag)



Image



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Overview		
Quantity:	50 μg	
Target:	ARHGAP8	
Origin:	Human	
Source:	Escherichia coli (E. coli)	
Protein Type:	Recombinant	
Purification tag / Conjugate:	This ARHGAP8 protein is labelled with His tag.	
Application:	Antibody Production (AbP), Standard (STD)	
Product Details		
Characteristics:	 Recombinant human Purified recombinant protein of Human Rho GTPase activating protein 8 (ARHGAP8), transcript variant 1, full length, with N-terminal HIS tag, expressed in E.coli, 50 µg (full length, N-term HIS tag, transcript variant 1) protein expressed in E.coli. Produced with end-sequenced ORF clone 	
Purification:	Purified	
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining	
Target Details		
Target:	ARHGAP8	
Alternative Name:	Rho GTPase activating protein 8 (ARHGAP8 Products)	
Background:	This gene encodes a member of the RHOGAP family. GAP (GTPase-activating) family proteins participate in signaling pathways that regulate cell processes involved in cytoskeletal changes.	

Target Details

GAP proteins alternate between an active (GTP-bound) and inactive (GDP-bound) state based on the GTP:GDP ratio in the cell. This family member is a multidomain protein that functions to promote Erk activation and cell motility. Alternative splicing results in multiple transcript variants. Read-through transcripts from the upstream proline rich 5, renal (PRR5) gene into this gene also exist, which led to the original description of PRR5 and ARHGAP8 being a single gene.

Molecular Weight:

53.3 kDa

NCBI Accession:

NP_001017526

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:

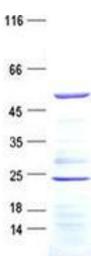
The tag is located at the N-terminal.

Restrictions:

For Research Use only

Handling

Concentration:	50 μg/mL	
Buffer:	25 mM Tris, pH 8.0, 150 mM NaCl, 10 % glycerol, 1 % Sarkosyl.	
Storage:	-80 °C	
Storage Comment:	torage 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