

Product datasheet

Recombinant Human RSG1 protein ab139230

1 Image

Description

Product name	Recombinant Human RSG1 protein	
Purity	> 85 % SDS-PAGE. ab139230 is purified using conventional chromatography techniques.	
Expression system	Escherichia coli	
Accession	Q9BU20	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	MGSSHHHHHSSGLVPRGSHMGSMARPPVPGSVVVPN WHESAEGKEYLAC ILRKNRRRVFGLLERPVLLPPVSIDTASYKIFVSGKSGVGKT ALVAKLAG LEVPVVHHE TTGIQTTVFVWPAKLQASSRVVMFRFEFWD CGESALKKFDH MLLACMENTDAFLFLFSFTDRASFEDLPGQLARIAGEAPG VVRMVIGSKF DQYMHTDVPERDLTAFRQAWELPLLRVKSVPGRRRLADG RTLDGRAGLADV AHILNGLAEQLWHQDQVAAGLLPNPPESAPE	
Predicted molecular weight	31 kDa including tags	
Amino acids	1 to 258	
Tags	His tag N-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab139230** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
	Mass Spectrometry
Mass spectrometry	MALDI-TOF

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.50

Constituents: 0.03% DTT, 0.32% Tris HCl, 50% Glycerol (glycerin, glycerine), 1.17% Sodium chloride

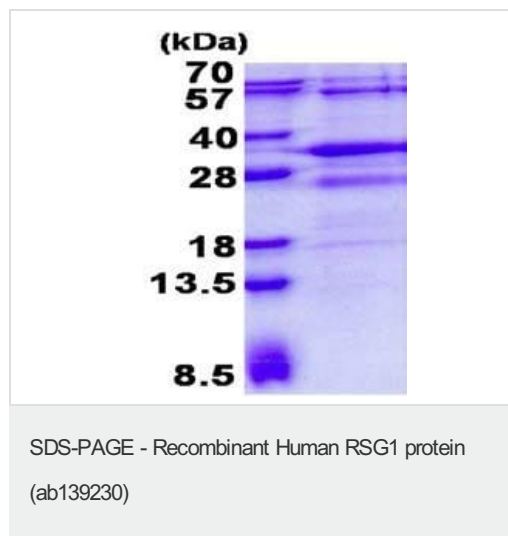
General Info

Function Potential effector of the planar cell polarity signaling pathway. Plays a role in targeted membrane trafficking most probably at the level of vesicle fusion with membranes. Involved in cilium biogenesis by regulating the transport of cargo proteins to the basal body and to the apical tips of cilia. More generally involved in exocytosis in secretory cells.

Sequence similarities Belongs to the small GTPase superfamily. Rab family.

Cellular localization Cytoplasm > cytoskeleton > cilium basal body.

Images



15% SDS-PAGE analysis of 3 µg ab139230.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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