

Product datasheet

Recombinant Human RHOG protein ab128454

1 Image

Description

Product name	Recombinant Human RHOG protein
Purity	> 90 % SDS-PAGE. ab128454 was purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	P84095
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGS HMQS IKCVVVG DGA VGKTCLLIC Y TTNAFPKEYI PTVFDN YSAQ SAVDGRTVNL NLWDTAGQEE YDRLR TLSYP QTNVVICFS IASPPSYENV RHKWHPEVCH HCPDVPILLV GTKKDLRAQP DTLRRLKEQG QAPITPQQGQ ALAKQIHAVR YLECSALQQD GVKEVF AEA V RAVLNPTPIK RGRSC
Predicted molecular weight	25 kDa including tags
Amino acids	1 to 188
Tags	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab128454** 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: 8.00

Constituents: 0.08% DTT, 0.32% Tris HCl, 40% Glycerol, 1.17% Sodium chloride

General Info**Function**

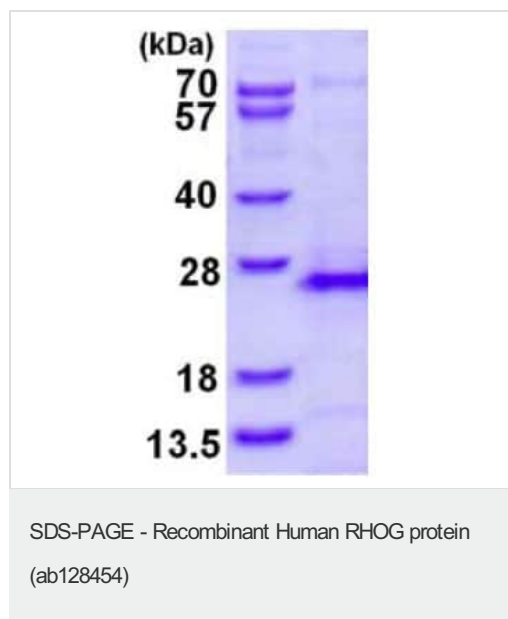
Required for the formation of membrane ruffles during macropinocytosis. Required for the formation of cup-like structures during trans-endothelial migration of leukocytes. In case of *Salmonella enterica* infection, activated by SopB and ARHGEF26/SGEF, which induces cytoskeleton rearrangements and promotes bacterial entry.

Sequence similarities

Belongs to the small GTPase superfamily. Rho family.

Cellular localization

Cell membrane.

Images

15% SDS-PAGE analysis of 3 µg ab128454.

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

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