

Recombinant Human Rag A protein ab161103

1 图像

描述	
产品名称	重组人Rag A蛋白
表达系统	Wheat germ
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MPNTAMKKKVLLMGKSGSGKTSMRSIIFANYIARDTRRLGAT IDVEHSHV RFLGNLVLNLWDCGGQDTFMENYFTSQRDNIFRNVEVLIYVF DVESRELE KDMHYYSQCLEAILQNSPDAKIFCLVHKMDLVQEDQRDLIFK EREEDLRR LSRPLECACFRTSIWDETLYKAWSSIVYQLIPNVQQLEMNLR NFAQIIEA DEVLLFERATFLVISHYQCKEQRDVHRFEKISNIIKQFKLSC SKLAASFQ SMEVRNSNFAAFIDIFTSNTYVMVMSDPSIPSAATLINIRN ARKHFEKL ERVDGPKHSLLMR
氨基酸	1 to 313
标签	GST tag N-Terminus

技术指标	
Our <b>Abpromise guarantee</b> covers the use of <b>ab161103</b> in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	Western blot ELISA
形式	Liquid
补充说明	This product was previously labelled as RRAGA.

## 制备和贮存

### 稳定性和存储

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

## 常规信息

### 功能

Has guanine nucleotide-binding activity but undetectable intrinsic GTPase activity. Required for the amino acid-induced relocalization of mTORC1 to the lysosomes and its subsequent activation by the GTPase RHEB. This is a crucial step in the activation of the TOR signaling cascade by amino acids. Involved in the RCC1/Ran-GTPase pathway. May play a direct role in a TNF-alpha signaling pathway leading to induction of cell death. May alternatively act as a cellular target for adenovirus E3-14.7K, an inhibitor of TNF-alpha functions, thereby affecting cell death.

### 组织特异性

Ubiquitously expressed with highest levels of expression in skeletal muscle, heart, and brain.

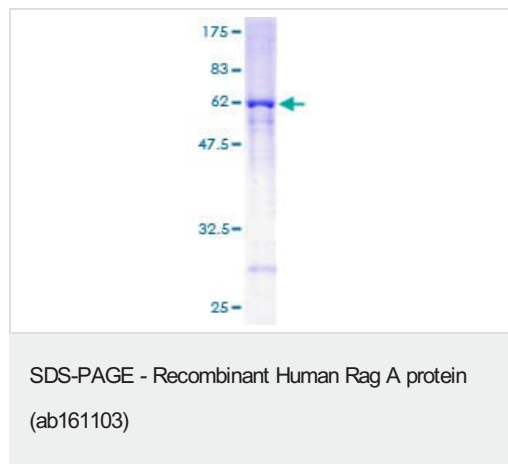
### 序列相似性

Belongs to the GTR/RAG GTP-binding protein family.

### 细胞定位

Cytoplasm. Nucleus. Lysosome. Predominantly cytoplasmic. May shuttle between the cytoplasm and nucleus, depending on the bound nucleotide state. Colocalizes in vivo with adenovirus E3-14.7K mainly to the cytoplasm especially near the nuclear membrane and in discrete foci on or near the plasma membrane.

## 图片



ab161103 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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

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