

## Product datasheet for **AR50115PU-S**

### **RAB23 (1-234, His-tag) Human Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	RAB23 (1-234, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MLEEDMEVAI KMWVWNGAV GKSSMIQRYC KGIFTKDYKK TIGVDFLERQ IQVNDEDVRL MLWDTAGQEE FDAITKAYYR GAQACVLVFS TTDRESFEAV SSWREKVAE VGDIPVLVQ NKIDLLDDSC IKNEEAELA KRLKRFYRT SVKEDLNVNE VFKYLAEKYL QKLKQQAIED PELTHSSSNK IGVFNTSGGS HSGQNSGTLN GGDVINLRPN KQRTKKNRNP FSSC
Tag:	His-tag
Predicted MW:	28.5 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 30% glycerol, 1 mM DTT, 0.1 mM PMSF
Preparation:	Liquid purified protein
Protein Description:	Recombinant human RAB23 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001265595</a>
Locus ID:	51715
UniProt ID:	<a href="#">Q9ULC3</a> , <a href="#">A0A024RD41</a>
Cytogenetics:	6p12.1-p11.2
Synonyms:	HSPC137



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**Summary:**

This gene encodes a small GTPase of the Ras superfamily. Rab proteins are involved in the regulation of diverse cellular functions associated with intracellular membrane trafficking, including autophagy and immune response to bacterial infection. The encoded protein may play a role in central nervous system development by antagonizing sonic hedgehog signaling. Disruption of this gene has been implicated in Carpenter syndrome as well as cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

**Protein Families:**

Druggable Genome

**Protein Pathways:**

Hedgehog signaling pathway

**Product images:**