



# SZABO SCANDIC

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## Produktinformation



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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet

### RAB8A (Human) Recombinant Protein (P01)

**Catalog Number:** H00004218-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human RAB8A full-length ORF (AAH02977, 1 a.a. - 207 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MAKTYDYLFKLLIGDSGVGKTCVLFRRSEDAFNSTFIS  
TIGIDFKIRTIELDGKRIKLQIWDTAGQERFRTITTAYYR  
GAMGIMLVYDITNEKSFNIRNWIRNIEEHASADVEKMI  
LGNKCDVNDKRQVSKERGEKLLALDYGIKFMETSAKAN  
INVENAFFTLARDIKAKMDKKLEGNSPQGSNQGKVKITP  
DQQKRSSFFRCVLL

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 48.4

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 4218

**Gene Symbol:** RAB8A

**Gene Alias:** MEL, RAB8

**Gene Summary:** The protein encoded by this gene is a member of the RAS superfamily which are small

GTP/GDP-binding proteins with an average size of 200 amino acids. The RAS-related proteins of the RAB/YPT family may play a role in the transport of proteins from the endoplasmic reticulum to the Golgi and the plasma membrane. This protein shares 97%, 96%, and 51% similarity with the dog RAB8, mouse MEL, and mouse YPT1 proteins, respectively and contains the 4 GTP/GDP-binding sites that are present in all the RAS proteins. The putative effector-binding site of this protein is similar to that of the RAB/YPT proteins. However, this protein contains a C-terminal CAAX motif that is characteristic of many RAS superfamily members but which is not found in YPT1 and the majority of RAB proteins. Although this gene was isolated as a transforming gene from a melanoma cell line, no linkage between MEL and malignant melanoma has been demonstrable. This oncogene is located 800 kb distal to MY09B on chromosome 19p13.1. [provided by RefSeq]