

Active Recombinant Mouse RAB23, Member RAS Oncogene Family

Cat. No. Rab23-1102M **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Mouse
Source	E.coli
Description	Rab23 is a small GTPase that belongs to the Ras superfamily. Rab proteins play an important role in various aspects of membrane traffic, including cargo selection, vesicle budding, vesicle motility, tethering, docking, and fusion. Rab23 is expressed at high levels in brain and localized to plasma membrane and endosomes. It regulates ciliary and sonic hedgehog signalling pathways and is involved in embryogenesis.
Usage	For in vitro use only.
Form	Liquid. Supplied in 50 mM Tris-HCl, pH 8.0, 100 mM NaCl, 10 mM MgCl ₂ , 10 μM GDP, and 2 mM mercaptoethanol.
Activity	100 pmol of protein can bind > 80 pmol of GDP.
Purity	> 90% by SDS-PAGE.
Storage	Quality guaranteed for 12 months, store at -80°C. Avoid freeze / thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

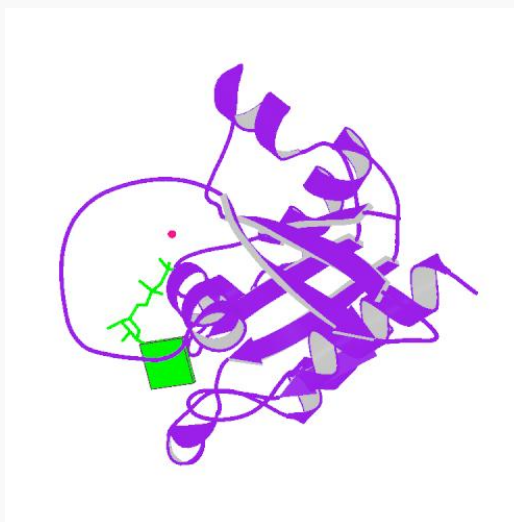
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Rab23 RAB23, member RAS oncogene family [Mus musculus]
Synonyms	Rab23; RAB23, member RAS oncogene family; opb; opb2; AW545388; open brain 2; OTTMUSP00000024509; OTTMUSP00000024510
Gene ID	19335
mRNA Refseq	NM_001159729
Protein Refseq	NP_001153201
UniProt ID	P35288
Pathway	Hedgehog signaling pathway
Function	GTP binding; nucleotide binding

PDB rendering based on 1z22.



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA