

Active Recombinant Bovine RAB3C, Member RAS Oncogene Family, GST-tagged

Cat. No. RAB3C-1113B Lot. No. (See product label)

SPECIFICATION

Species	Bovine
Source	E.coli
Description	Rab3C 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. The Rab3C recycling is coupled with synaptic and secretory vesicle trafficking. It facilitates translocation and docking of the synaptic vesicles to the active zone. The GST-Tag facilitates the protein's application in typical GST pull-down assays.
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.

GENE INFORMATION

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Gene Name	RAB3C RAB3C, member RAS oncogene family [Bos taurus]
Synonyms	RAB3C; RAB3C, member RAS oncogene family
Gene ID	338100
mRNA Refseq	NM_176873
Protein Refseq	NP_789862
UniProt ID	P10949
Chromosome Location	20

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