

# Active Recombinant Dog RAB7A, Member RAS Oncogene Family

Cat. No. RAB7A-1117D Lot. No. (See product label)

## SPECIFICATION

Species	Dog
Source	E.coli
Description	Rab7 is a 23.5 kDa small GTPase localized in late endosomes. Rab7 regulates late endocytic membrane traffic between endosomes and lysosomes. The protein contains a C-terminal CXC motif for posttranslational geranylgeranylation.
Form	Liquid. Supplied in 25 mM HEPES pH 7.2, 40 mM NaCl, 5 mM DTT, 2 mM MgCl <sub>2</sub> and 10 mM GDP.
Purity	≥90% by SDS-PAGE.
Activity	GTPyS binding: >750 mmol/mol.
Usage	For in vitro use only.
Storage	Quality guaranteed for 12 months store at -80°C. Avoid freeze / thaw cycles.

## GENE INFORMATION

Gene Name	RAB7A RAB7A, member RAS oncogene family [ <i>Canis lupus familiaris</i> ]
Synonyms	RAB7A, member RAS oncogene family; RAB7A; RAB7; GTP-binding protein (rab7)

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<b>Gene ID</b>	404007
<b>mRNA Refseq</b>	NM_001003316
<b>Protein Refseq</b>	NP_001003316
<b>UniProt ID</b>	P18067
<b>Chromosome Location</b>	20

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