

## RIC8A 抗原（重组蛋白）

中文名称：RIC8A 抗原（重组蛋白）

英文名称：RIC8A Antigen (Recombinant Protein)

别名：RIC8

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 332-531 amino acids of human RIC8A

技术规格：

<b>Full name:</b>	RIC8 guanine nucleotide exchange factor A
<b>Synonyms:</b>	RIC8
<b>Swissprot:</b>	Q9NPQ8
<b>Gene Accession:</b>	BC011821
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	Guanine nucleotide exchange factor (GEF), which can activate some, but not all, G-alpha proteins. Able to activate GNAI1, GNAO1 and GNAQ, but not GNAS by exchanging bound GDP for free GTP. Involved in regulation of microtubule pulling forces during mitotic movement of chromosomes by stimulating G(i)-alpha protein, possibly leading to release G(i)-alpha-GTP and NuMA proteins from the NuMA-GPSM2-G(i)-alpha-GDP complex (By similarity). Also acts as an activator for G(q)-alpha (GNAQ) protein by enhancing the G(q)-coupled receptor-mediated ERK activation.