

Recombinant Human RIC8A

Catalog No: #GP13383



Package Size: #GP13383-1 100ug

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Description

Product Name	Recombinant Human RIC8A
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 332-531 amino acids of human RIC8A
Target Name	RIC8 guanine nucleotide exchange factor A
Other Names	RIC8
Accession No.	Swissprot:Q9NPQ8Gene Accession:BC011821
Uniprot	Q9NPQ8
GeneID	60626;
Storage	-20~-80°C, pH 7.6 PBS

Background

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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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