

Recombinant Mouse Ric8b Protein, Myc/DDK-tagged

Cat. No. Ric8b-5511M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length RIC8 guanine nucleotide exchange factor B (Ric8b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Guanine nucleotide exchange factor (GEF), which can activate some, but not all, G-alpha proteins by exchanging bound GDP for free GTP. Able to potentiate G(olf)-alpha-dependent cAMP accumulation suggesting that it may be an important component for odorant signal transduction.
Molecular Mass	63.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Ric8b RIC8 guanine nucleotide exchange factor B [Mus musculus (house mouse)]
Official Symbol	Ric8b
Synonyms	Ric8b; RIC8 guanine nucleotide exchange factor B; Ric; Ric-; Ric-8; Ric-8b; BC051080; synembryn-B; resistance to inhibitors of cholinesterase 8 homolog B; resistance to inhibitors of cholinesterase 8B
Gene ID	237422
mRNA Refseq	NM_183172
Protein Refseq	NP_898995
UniProt ID	Q80XE1

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