

**RalGDS-RBD<sup>GST</sup>**

Ras Binding Domain of the Ral Guanine Nucleotide Dissociation Stimulator  
human, recombinant, *E. coli*,  
Recognized GTPases: Rap-1A, Rap-1B, Rap-2A, Rap-2B, Rit, Rin

Cat. No.	Amount
PR-365	250 µg

**For general laboratory use.**

**Shipping:** shipped on dry ice

**Storage Conditions:** store at -80 °C

**Additional Storage Conditions:** avoid freeze/thaw cycles

**Shelf Life:** 12 months

**Molecular Weight:** 40 kDa

**Accession number:** NM\_006266

**Purity:** > 90 % (SDS-PAGE)

**Form:** liquid (Supplied in 30 mM Tris-HCl pH 7.5, 100 mM NaCl, 5 mM MgCl<sub>2</sub> and 5 mM DTE)

**Description:**

Ras-binding domain (RBD) of the human RalGDS, comprises amino acids 788-885 (97aa) of wild type. RalGDS (Ral-guanine nucleotide dissociation stimulator) is the guanine nucleotide exchange factor (GEF) for the Ras-related protein Ral. The GEF-activity of RalGDS is stimulated by binding of Ras. The GST-tag facilitates the protein's application in typical GST pull down assays.

**Selected References:**

Vetter *et al.* (1999) Structural and biochemical analysis of Ras-effector signaling via RalGDS. *FEBS Letters* **451**:175.

Murphy *et al.* (2002) Involvement of phosphatidylinositol 3-kinase, but not RalGDS, in TC21/R-Ras2-mediated transformation. *J. Biol. Chem.* **277**:9966.