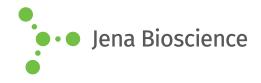
DATA SHEET





Rab2^{GST-His}

Ras-associated, small GTP-binding protein human, recombinant, *E. coli*

Cat. No.	Amount
PR-112	50 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: 53.5 kDa Accession number: NM_002865 Purity: > 90 % (SDS-PAGE)

Form: liquid (Supplied in 25 mM HEPES pH 7.2, 40 mM NaCl, 5 mM DTT,

2 mM MgCl₂ and 10 mM GDP)

Description:

Rab proteins are small-molecular-weight guanosine triphosphatases (GTPases) that control vesicular traffic in eukaryotic cells. The small GTPase Rab2 is a resident of pre-Golgi intermediates and is required for protein transport from the endoplasmic reticulum to the Golgi complex. The GST-Tag facilitates the protein's application in typical GST pull-down assays.

Activity:

GTPyS binding: >750 mmol/mol.

Selected References:

Tisdale *et al.* (1996) Rab2 is essential for the maturation of pre-Golgi intermediates. *J. Biol. Chem.* **271**:29372.