

PRODUCT DATA SHEET

PRODUCT: Research Tool

CATALOG NUMBER: RT 01001-PER

QUANTITY& CONCENTRATION: Stored in 40% glycerol/phosphate buffer (NaCl, NaH₂PO₄), MW = 116 kDa

PRODUCT SIZE: 1 µg; 5 µg; 10 µg

APPEARANCE: transparent viscous liquid

SHIPPED IN: -20°C

BACKGROUND/DESCRIPTION:

RT 01001-PER is a GTPase-activating protein(GAP) that can bind to activated G proteins and stimulate their GTPase activity. GAP accelerates G proteins timer by increasing the hydrolytic GTPase activity of the G proteins, hence the name GTPase-activating protein. GAP protein was tested against RAS*wild type*, RASG12V and RASG12D proteins *in vitro* and showed its ability to increase GTPase activity.

QUALITY CONTROL: The purity was determined by gel electrophoresis. Purity >= 50%.

UNPACKING & STORAGE INSTRUCTIONS:

1. Check the container for leakage or breakage.
2. Store at -20°C. Repeated freeze/thaw cycles are not recommended.

SAFETY PRECAUTION:

Personather Ltd. highly recommends using protective gloves and clothing. It is also important to avoid breathing vapor, avoid skin contact or swallowing.

WASTE DISPOSAL:

Chemical wastes should always be returned to special company responsible for utilizing such type of wastes.

PERSONATHER LTD. WARRANTY

The viability of Personather products is warranted for 30 days from the date of shipment and is valid only if the product is stored according to the information included in this product

information sheet. Since this product is under development – we cannot guarantee same functionality in all experimental conditions.

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