

## Rat Receptor Associated - Purified

<b>Catalog No.:</b>	AR10447PU-L
<b>Quantity:</b>	1 mg
<b>Concentration:</b>	1.0 mg/ml (prior to lyophil.)
<b>Species:</b>	Rat
<b>Source:</b>	E. coli
<b>Format:</b>	<b>State:</b> Sterile Filtered White lyophilized (freeze-dried) powder <b>Purity:</b> >95.0% as determined by both RP-HPLC and SDS-PAGE analysis <b>Buffer System:</b> TBS pH 7.5 <b>Note:</b> Ligand binding to RAP is Ca <sup>2+</sup> dependent and e.g. lipid receptors can be released from RAP by a buffer containing 10mM EDTA. Furthermore, buffers containing Phosphate should be avoided (it would form precipitates with Ca <sup>2+</sup> ). <b>Preservatives:</b> 0.09% Sodium Azide <b>Stabilizers:</b> 0.1% BSA <b>Reconstitution:</b> Restore in sterile 18MΩ-cm <sup>-1</sup> H <sub>2</sub> O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.
<b>Description:</b>	Recombinant Rat RAP produced in <i>E.coli</i> is a single, non-glycosylated polypeptide chain having a Molecular Mass of 38,862 Dalton. The Recombinant RAP Rat contains 6xHis tag and 1xC-myc and purified by proprietary chromatographic techniques.
<b>Storage:</b>	Prior to reconstitution store at 2-8°C for one month or desiccated below -18°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freezing and thawing. Shelf life: one year from despatch.