

Recombinant Rat Receptor Associated Protein His Tagged

Catalog No.	CRR106A CRR106B CRR106C	Quantity:	5 µg 20 µg 1 mg
Description:	Recombinant Rat Receptor Associated Protein is a single, non-glycosylated polypeptide chain. The Recombinant Rat RAP contains 6x His tag and 1xC-myc.		
Source:	<i>E. coli</i>		
Molecular Weight:	38.862 kDa		
Formulation:	Recombinant RAP, at a concentration of 1 mg/ml, was lyophilized from a sterile solution containing TBS, pH 7.5 + 0.1% BSA + 0.09% NaN ₃ . Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purity:	>95.0% as determined by RP-HPLC and SDS-PAGE analyses.		
Endotoxin Level:	Less than 0.1 ng/µg (1 EU/µg) of Rat RAP.		
Reconstitution:	Centrifuge vial prior to opening. First add sterile distilled water to the vial to fully solubilize the protein to a concentration not less than 100 µg/ml. After complete solubilization of the protein, it can be further diluted to other aqueous solutions.		
Storage & Stability:	Store lyophilized protein at -20°C to -80°C. Reconstituted protein is stable for 1 week at 2-4°C. For long term storage, aliquot and store at -20°C to -80°C with a carrier protein (0.1% HSA or BSA) as a stabilizer. Please note that the addition of any carrier protein into this product may produce unwanted endotoxin. This depends upon the particular application employed. Avoid repeated freeze-thaw cycles.		
Note:	Ligand binding to RAP is Ca ²⁺ dependent and e.g. lipid receptors can be released from RAP by a buffer containing 10 mM EDTA. Furthermore, buffers containing phosphate should be avoided (it would form precipitates with Ca ²⁺).		

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