

Recombinant Rat Psap protein, His-tagged

Cat. No. Psap-1125R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Psap protein(NP_037145.2)(Met1-Asn554), fused with His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Met1-Asn554
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant rat Psap consists 549 amino acids and predicts a molecular mass of 61 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Psap prosaposin [*Rattus norvegicus*]

Official Symbol Psap

Synonyms PSAP; prosaposin; sulfated glycoprotein 1; prosaposin (sulfated glycoprotein, sphingolipid hydrolase activator); SGP-1; SGP1A;

Gene ID 25524

mRNA Refseq NM_001190236

Protein Refseq NP_001177165

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