

Recombinant Mouse Psap Protein, His-tagged

Cat. No. Psap-1013M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Psap (NP_035309.3) (Met1-Asn557) was expressed with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	1-557 a.a.
Predicted N Terminal	Ser 17
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant mouse Psap consists 552 amino acids and predicts a molecular mass of 61.2 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>(72.2+19.3+6.1) % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Psap prosaposin \[Mus musculus \]](#)

Official Symbol [Psap](#)

Synonyms PSAP; prosaposin; sulfated glycoprotein 1; snoRNA MBII-198; SGP-1; AI037048;

Gene ID [19156](#)

mRNA Refseq [NM_001146120](#)

Protein Refseq [NP_001139592](#)

MIM

UniProt ID

Pathway Hemostasis, organism-specific biosystem; Lysosome, organism-specific biosystem; Lysosome, conserved biosystem; Platelet activation, signaling and aggregation, organism-specific biosystem; Platelet degranulation, organism-specific biosystem; Response to el

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