

# Rat PSAP/Prosaposin (His Tag) recombinant protein



Catalog Number: 500573

## General Information

### Gene Name Synonym:

Prosaposin

### Protein Construction:

A DNA sequence encoding the rat Psap (NP\_037145.2) (Met1-Asn554) was expressed with a polyhistidine tag at the C-terminus.

**Source:**Rat

**Expression Host:**Human Cells

## QC Testing

### Activity:

### Purity:

> (78.3+18) % as determined by SDS-PAGE

### Endotoxin:

< 1.0 EU per  $\mu\text{g}$  protein as determined by the LAL method.

### Stability:

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal:

Ser 17

### Molecular Mass:

The recombinant rat Psap consists 549 amino acids and predicts a molecular mass of 61 kDa.

### Formulation:

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

### Storage:

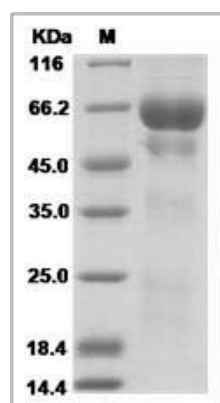
Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ .

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution:

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE:



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