

Recombinant Human PSAP protein, GST-tagged

Cat. No. PSAP-189H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSAP protein(NP_001035930)(406-487 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	406-487 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	GGFCEVCKKLVGYLDRNLEKNSTKQEILAALEKGCFLPDPYQKQCDQFVAEYEPV LIEILVEVMDPSFVCLKIGACPSAHK
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term

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storage.

GENE INFORMATION**Gene Name** PSAP prosaposin [Homo sapiens]**Official Symbol** PSAP**Synonyms** PSAP; prosaposin; GLBA, SAP1, sphingolipid activator protein 1; proactivator polypeptide; variant Gaucher disease and variant metachromatic leukodystrophy; sphingolipid activator protein-1; GLBA; SAP1; FLJ00245; MGC110993;**Gene ID** 5660**mRNA Refseq** NM_001042465**Protein Refseq** NP_001035930**MIM** 176801**UniProt ID** P07602 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