

Recombinant Human PSAP protein, GST-tagged

Cat. No. PSAP-3377H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSAP protein(P07602)(311-391aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	311-391aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	36.1 kDa
AA Sequence	SDVYCEVCEFLVKEVTKLIDNNKTEKEILDADFDMCKSLPKSLSEECQEVDVDTYGSSI LSILLEEVSPPELVCSMLHLCSGT
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0

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mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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

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