

Prosaposin Recombinant Protein | PSAP recombinant protein

Recombinant Human Prosaposin

CATALOG #
AAA39067

PRODUCT SYNONYMS

Prosaposin; Recombinant Human Prosaposin; Proactivator polypeptide; PSAP; GLBA; SAP1; PSAP recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	Filtered (0.4 um) and lyophilized from 0.5 mg/ml in 0.05M phosphate buffer and 0.075M NaCl, pH 7.4
Sequence	<u>ASG PVLGLKECTR GSAVWCQNVK TASDCGAVKH CLQTVWNKPT VKSLPCDICK DVVTAAGDML KDNATEEEIL VYLEKTCDWL PKPNMSASCK EIVDSYLPVI LDIKGENSR PGEVCSALNL CESLQKHLAE LNHQKQLESN KIPELDMTEV VAPFMANIPL LLYPQDGPRS KPQPKDNGDV CQDCIQMVTD IQTAVRTNST FVQALVEHVK EECDRLGPGM ADICKNYISQ YSEIAIQMMM HMQPKEICAL VGFCDEVKEM PMQTLVPAKV ASKNVIPALE LVEPIKKHEV PAKSDVYCEV CEFLVKEVTK LIDNNKTEKE ILDAFDKMCS KLPKSLSEEC QEVVDYTGSS ILSILLEEVS PELVCSMLHL CSGTRLPALT VHVTQPKDGG FCEVCKKLVG YLDRNLEKNS TKQEILAALE KGCSFLDPY QKQCDQFVAE YEPVLIEILV EVMDFPSFVCL KIGACPSAHK PLLGTEKCIW GPSYWCQNTE TAAQCNAVEH CKRHVWN <u>KLHHHHHH u></u>.</u>
Source	HEK 293
Physical Appearance	Filtered White lyophilized (freeze-dried) powder.
Solubility	It is recommended to add 200 ul deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. PSAP is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.
Preparation and Storage	Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time .

ADDITIONAL INFORMATION

Related Product Information for PSAP recombinant protein	PSAP Human Recombinant produced in HEK cells is a single, glycosylated, polypeptide chain (a.a 17-524) containing a total of 518 amino acids, having a molecular mass of 57.7kDa (calculated), though it migrates at approximately 65kDa on SDS PAGE, the PSAP is fused to a 2 a.a N-terminal linker, a 2 a.a C-terminal linker and a 6 a.a His tag at C-Terminus.The Human PSAP is purified by proprietary chromatographic techniques.
Product Categories/Family for PSAP recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	110224476
NCBI GeneID	5660
NCBI Accession #	NP_001035930.1
NCBI GenBank Nucleotide #	NM_001042465.1
UniProt Accession #	P07602; P07292; P15793; P78538; P78541; P78546; P78547; P78558; Q53Y86; Q6IBQ6; Q92739; Q92740

NCBI Official Full Name	prosaposin isoform b preproprotein
NCBI Official Synonym Full Names	prosaposin
NCBI Official Symbol	PSAP
NCBI Official Synonym Symbols	GLBA; SAP1
NCBI Protein Information	prosaposin; proactivator polypeptide; sphingolipid activator protein-1
UniProt Protein Name	Prosaposin
UniProt Gene Name	PSAP
UniProt Synonym Gene Names	GLBA; SAP1; CSAct; SAP-1; SAP-2
UniProt Entry Name	SAP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/psap-recombinant-protein/39067>