

Human PSAP Recombinant Protein



RPPB4300

Product Information Protein Information

Product SKU:

RPPB4300

Accession:

P07602

Host:

HEK 293.

Protein description:

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.

Appearance:

Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Prosaposin, Proactivator polypeptide, PSAP, GLBA, SAP1.

Formulation:

Filtered (0.4µm) and lyophilized from 0.5mg/ml in phosphate buffer, pH 7.4.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to add 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.

Stability:

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; it does not show any change after two weeks at 4°C.

Amino Acid Sequence:

ASGPVLGLKE CTRGSAVWCQ NVKTASDCGA VKHCLQTVWN KPTVKSLPCD ICKDVVTAAG DMLKDNATEE
EILVLEKTC DWLPKPNMSA SCKEIVDSYL PVILDIKGE MSRPGEVCSA LNLCSLQKH LAELNHQKQL
ESNKIPELDM TEVVAPFMAN IPLLLYPQDG PRSKPQPKDN GDVCQDCIQM VTDIQTAVRT NSTFVQALVE
HVKEECDRLG PGMADICKNY ISQYSEIAIQ MMMHMQPKEI CALVGFCDDEV KEMPMQTLVP AKVASKNVIP
ALELVEPIKK HEVPAKSDVY CEVCEFLVKE VTKLIDNNKT EKEILDAFDK MCSKLPKSLS EECQEVVDY
GSSILSILLE EVSPELVCSM LHLCSGTRLP ALTVHVTQPK DGGFCEVCKK LVGYLDRNLE KNSTKQEILA
ALEKGCSFLP DPYQKQCDQF VAEYEPVLIE ILVEVMDPSF VCLKIGACPS AHKPLLGTEK CIWGPSYWCQ
NTETAAQCNA VEHCKRHWVN KLHHHHHHH.