

PRODUCT DATA SHEET

SAP Protein Human HEK293

Cat. No.: RD172338100

Size: 0.1 mg

Source: HEK293

Type: Recombinant protein

Species: Human

Other Names:

Proactivator polypeptide, Prosaposin, PSAP

Description:

Total 518 AA, UniProt P07602 (Gly17-Asn524). MW: 57.7 kDa (calculated), migrates at ~ 65 kDa, alt. at ~ 25 kDa (disaposins) or ~ 35 kDa (trisaposins) on SDS PAGE; N-terminal linker (2 extra AA), C-terminal linker (2 extra AA) and C-terminal His-tag (6 extra AA). Protein identity confirmed by MS.

Amino Acid Sequence:

ASGPVLGLKE CTGSAVWCQ NVKTASDCGA VKHCLQTVWN KPTVKSLPCD ICKDVVTAAG
DMLKDNATEE EILVYLEKTC DWLPKPNMSA SCKEIVDSYL PVILDIKGE MSRPGEVCSA
LNLCESLQKH LAELNHQKQL ESNKIPELDM TEVVAPFMAN IPLLLYPQDG PRSKPQPKDN
GDVCQDCIQM VTDIQTAVRT NSTFVQALVE HVKEECDRLG PGMADICKNY ISQYSEIAIQ
MMMHMQPKEI CALVGF CDEV KEMPMQTLVP AKVASKNVIP ALELVEPIKK HEVPAKSDVY
CEVCEFLVKE VTKLIDNNKT EKEILDADF DK MCSKLPKSL S EECQEVVD TY GSSILSILLE
EVSPELVCSM LHLCSGTRLP ALTVHVTQPK DGGFCEVCKK LVGYLDRNLE KNSTKQEILA
ALEKGC SFLP DPYQKQCDQF VAEYEPV LIE ILVEVMDP SF VCLKIGACPS AHKPLLGTEK
CIWG P SYWCQ NTETAAQCNA VEHCKRHVWN KLHHHHHHH

Purity:

> 90 % by SDS-PAGE

Endotoxin:

< 1.0 EU/μg

Formulation:

Filtered (0.4 μm) and lyophilized from 0.5 mg/ml solution in phosphate buffered saline, pH 7.4

Reconstitution:

Add deionized water to prepare a working stock solution of 0.5 mg/mL and let the lyophilized pellet dissolve completely.

Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

Store lyophilized protein at -80°C. Lyophilized protein remains stable until the expiry date when stored at -80°C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80°C for long term storage. Reconstituted protein can be stored at 4°C for a week.

Quality Control:

BCA to determine quantity of the protein.
SDS PAGE to determine purity of the protein.
Endotoxin level determination.

Applications:

ELISA, Western blotting

Note:

This product is intended for research use only.