

Prosaposin Recombinant Protein | PSAP recombinant protein

Recombinant Prosaposin (PSAP)

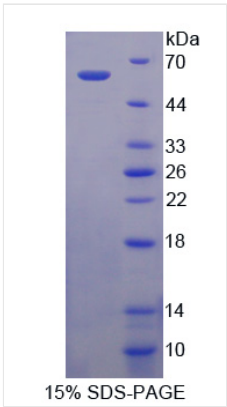
CATALOG # AAA144178	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Prosaposin; Recombinant Prosaposin (PSAP); PSAP recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 150 ug/mL (varies by lot)
Sequence	GPVLGLKECT RGSVWCQNV KTASDCGAVK HCLQTVWNKP TVKSLPCDIC KDVVTAAGDM LKDNATEEEI LVYLEKTCDW LPKPNMSASC KEIVDSYLPV ILDIKGEYS RPGEVCSALN LCESLQKHLA ELNHQKQLES NKIPELDMTE VVAPFMANIP LLLYPQDGPR SKPQPKDNGD VCQDCIQMVT DIQTAVRTNS TFVQALVEHV KEECDRLGPG MADICKNYIS QYSEIAIQMM MHMQPKICA LVGFCDEVKE MPMQTLVPAK VASKNVIPAL ELVEPIKKHE VPAKSDVYCE VCEFLVKEVT KLIDNNKTEK EILDAFDKMC SKLPKSLSEE CQEVVDYGS SILSILLEEV SPELVCSMLH LCSGTRLPAL TVHVTQPKDG GFCEVCKKLV GYLDRNLEKN STKQEILAAL EKGCSFLPDP YQKQCDQFVA EYEPVLEIL VEVMDPSFVC LKIGACPSAH KPLLGTEKCI WGPSYWCQNT ETAAQCNAVE HCKRHVWN
Applicable Applications for PSAP recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Gly17~Asn524
Tags	N-terminal His Tag
Subcellular Location	Lysosome
Traits	Freeze-dried powder
Predicted isoelectric point	5.1
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	11139234
NCBI GeneID	5660
Molecular Weight	Predicted Molecular Mass: 60.2kDa Accurate Molecular Mass: 60kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	prosaposin, partial
NCBI Official Synonym Full Names	prosaposin
NCBI Official Symbol	PSAP
NCBI Official Synonym Symbols	GLBA; SAP1
NCBI Protein Information	prosaposin
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://stage.aaabiotech.com/psap-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/144178>