

PSAP/Prosaposin Recombinant Protein | PSAP recombinant protein

PSAP/Prosaposin Protein, Human, Recombinant (His Tag)

CATALOG #
AAA258052

HOST
HEK293 Cells

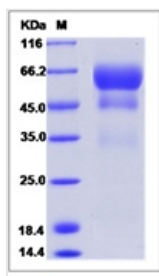
PRODUCT SYNONYMS

PSAP/Prosaposin; PSAP/Prosaposin Protein; Human; Recombinant (His Tag); Human PSAP/Prosaposin Protein (His Tag); GLBA Protein; SAP1 Protein; prosaposin; PSAP recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	≥95% as determined by SDS-PAGE ≥90% as determined by SEC-HPLC
Form/Format	Lyophilized from sterile PBS, pH 7.4, 15% Trehalose, 5% Mannitol, 0.01% Tween-80
Source	HEK293 Cells-derived Human PSAP / Prosaposin Protein (His Tag) Met1-Asn524, Accession# NP_002769.1
Endotoxin	<1.0EU per ug protein as determined by the LAL method.
Predicted N Terminal	Gly
Tag	C-His
Protein Construction	A DNA sequence encoding the human PSAP (NP_002769.1)(Met1-Asn524) was expressed with a polyhistidine tag at the C-terminus.
Reconstitution	Reconstituted with sterile deionized water to 0.25 mg/ml
Preparation and Storage	Samples are stable for twelve months from date of receipt at -20 degree C to -80 degree C. Store it under sterile conditions at -20 degree C to -80 degree C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for PSAP recombinant protein

Background: Prosaposin (PSAP) gene mutations, affecting saposin B (Sap-B) domain, cause a rare metachromatic leukodystrophy (MLD) variant in which arylsulfatase A (ARSA) activity is normal. The human prosaposin gene (PSAP) was previously localized to 1q21-->q22 by isotopic in situ hybridization using a human prosaposin cDNA as a probe. Using fluorescence in situ hybridization with a mouse genomic prosaposin fragment as probe, confirms the localization of PSAP and precisely maps it to band 1q22.1.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11386147
NCBI GeneID	5660
NCBI Accession #	NP_002769.1
NCBI GenBank Nucleotide #	NM_002778.2
UniProt Accession #	P07602; P07292; P15793; P78538; P78541; P78546; P78547; P78558; Q53Y86; Q6IBQ6; Q92739; Q92740
Molecular Weight	The recombinant human PSAP consists 519 amino acids and predicts a molecular mass of 57.9 kDa
NCBI Official Full Name	prosaposin isoform a 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	Proactivator polypeptide
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-hek293/258052>