



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## PSAP 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00005660-T01

規格 : [ 100 uL ]

List All

### Specification

**Transfected Cell Line:** 293T

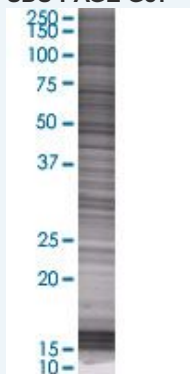
**Plasmid:** pCMV-PSAP full-length

**Host:** Human

**Theoretical MW (kDa):** 57.75

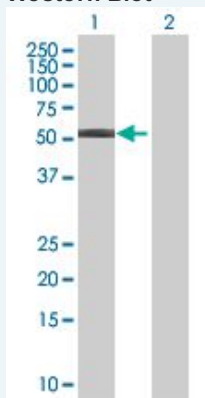
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-PSAP antibody (H00005660-B01) by Western Blots.

#### SDS-PAGE Gel



PSAP transfected lysate.

#### Western Blot



Lane 1: PSAP transfected lysate ( 57.75 KDa)

Lane 2: Non-transfected lysate.

**Storage Buffer:** 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**MSDS:**  [Download](#)

### Applications

## Western Blot

### Gene Information

Entrez GeneID: [5660](#)

GeneBank [NM\\_002778.2](#)  
Accession#:

Protein [NP\\_002769.1](#)  
Accession#:

Gene Name: PSAP

Gene Alias: FLJ00245, GLBA, MGC110993, SAP1

Gene Description: prosaposin

Omim ID: [176801](#), [249900](#), [610539](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** This gene encodes a highly conserved glycoprotein which is a precursor for 4 cleavage products: saposins A, B, C, and D. Each domain of the precursor protein is approximately 80 amino acid residues long with nearly identical placement of cysteine residues and glycosylation sites. Saposins A-D localize primarily to the lysosomal compartment where they facilitate the catabolism of glycosphingolipids with short oligosaccharide groups. The precursor protein exists both as a secretory protein and as an integral membrane protein and has neurotrophic activities. Mutations in this gene have been associated with Gaucher disease, Tay-Sachs disease, and metachromatic leukodystrophy. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations: OTTHUMP00000019776, sphingolipid activator protein-1

### Gene Pathway

[Lysosome](#)

### Related Disease

[Alzheimer Disease Genetic Predisposition to Disease](#) [Prostate cancer](#)  
[Prostatic Hyperplasia](#) [Prostatic Neoplasms](#) [Schizophrenia](#) [Schizophrenia](#)  
[Tobacco Use Disorder](#)