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Produktinformation

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- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PSAP (Human) Recombinant Protein (P02)

Catalog Number: H00005660-P02

Regulation Status: For research use only (RUO)

Product Description: Human PSAP full-length ORF (AAH04275, 1 a.a. - 524 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:
MYALFLLASLLGAALAGPVLGLKECTRGSAVWCQNVK
TASDCGAVKHCLQTVWNKPTVKSLPCDICKDVVTAAG
DMLKDNATEEEILVYLEKTCDWLPKPNMSASCKEIVDS
YLPVILDIIKGEMSRPGEVCSALNLCESLQKHLAELNHQ
KQLESNKIPELDITEVVAPFMANIPLLLYPQDGPRSKPQ
PKDNGDVCQDCIQMVTDIQTAVRTNSTFVQALVEHVK
EECDRLGPGMADICKNYISQYSEIAIQMMMHMQPKEIC
ALVGFCDEVKEMPMQTLVPAKVASKNVIPALELVEPIK
KHEVPAKSDVYCEVCEFLVKEVTKLIDNNKTEKEILDAF
DKMCSKLPKSLSEECQEVVDTYGSSILSILLEEVSPELV
CSMLHLCSGTRLPALTVHVTQPKDGGFCEVCKKLVGY
LDRNLEKNSTKQEILAALEKGCSFLPDPYQKQCDQFV
AEYEPVLIEILVEVMDPSFVCLKIGACPLAHKPLLGTEK
CIWGPSYWCQNTETAAQCNAVEHCKRHVWN

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 83.16

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Preparation Method: *in vitro* wheat germ expression system

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

Entrez GeneID: 5660

Gene Symbol: PSAP

Gene Alias: FLJ00245, GLBA, MGC110993, SAP1

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]