

Product Datasheet

Recombinant Human PSAP GST (N-Term) Protein H00005660-P01-10ug

Unit Size: 10 ug

Store at -80C. Avoid freeze-thaw cycles.

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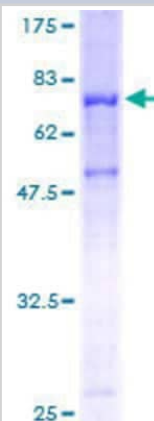
H00005660-P01-10ug

Recombinant Human PSAP GST (N-Term) Protein

Product Information	
Unit Size	10 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	81.29 kDa
Product Description	
Description	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 18-524 of Human PSAP</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: PVLGLKECTRGSAVWCQNVKTASDCGAVKHCLQTVWNKPTVKSLPCDICKDV VTAAGDMLKDNATEEEILVYLEKTCDWLPKPNMSASCKEIVDSYLPVILDIKGE MSRPGEVCSALNLCESLQKHLAELNHQKQLESNKIPELDMTEVVAPFMANIPLL LYPQDGPRSKPQPKDNGDVCQDCIQMVTDIQTAVRTNSTFVQALVEHVKEEC DRLGPGMADICKNYISQYSEIAIQMMMHHMQPKEICALVGFCEVKEKEMPMQTLV PAKVASKNVIPALELVEPIKKHEVPAKSDVYCEVCEFLVKEVTKLIDNNKTEKEIL DAFDKMCSKLPKSLSEECQEVVDTYGSSILSILLEEVSPELVCSMLHLCSGTRL PALT VHVTQPKDGGFCEVCKKLVGYLDRNLEKNSTKQEILAALEKGC SFLPDPY QKQCDQFVAEYEPVLIEILVEVMDPSFVCLKIGACPSAHKPLLGTCKI WGPSY WCQNTETAAQCNAVEHCKRHVWN</p>
Gene ID	5660
Gene Symbol	PSAP
Species	Human
Preparation Method	in vitro wheat germ expression system
Details of Functionality	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Protein Array, SDS-Page, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, SDS-Page, Protein Array, Immunoaffinity Purification

Images

SDS-Page: Recombinant Human PSAP Protein [H00005660-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

J Dietrich, M Roth, S König, G Geerling, S Mertsch, S Schrader Analysis of lacrimal gland derived mesenchymal stem cell secretome and its impact on epithelial cell survival *Stem Cell Res*, 2019-06-04;38(0):101477. 2019-06-04 [PMID: 31181482]

Fan SM, Tsai CF, Yen CM et al. Inducing hair follicle neogenesis with secreted proteins enriched in embryonic skin. *Biomaterials* 2018-03-13 [PMID: 29567388]

Koochekpour, Shahriar ;Hu, Siyi. Biologically active recombinant human saposin C and PSAP. *FreshPatents* 2010-01-28

Wu Y, Sun L, Zou W et al. Prosaposin, a regulator of estrogen receptor alpha, promotes breast cancer growth. *Cancer Sci*. 2012-08-10 [PMID: 22738294]

Yamamoto-Tanaka M, Motoyama A, Miyai M et al. Mesotrypsin and Caspase-14 Participate in Prosaposin Processing - Potential Relevance to Epidermal Permeability Barrier Formation. *J Biol Chem*. 2014-05-28 [PMID: 24872419]



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Products Related to H00005660-P01-10ug

H00005660-P02-10ug	Recombinant Human PSAP GST (N-Term) Protein
267-N3-005	NT-3 [Unconjugated]
AF8520	PSAP Antibody [Unconjugated]
AF1029	Cathepsin D Antibody [Unconjugated]

Limitations

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