

[Go to Product page](#)

Datasheet for ABIN1880690

PSG3 Protein (AA 35-428) (His tag)

Overview

Quantity:	50 µg
Target:	PSG3
Protein Characteristics:	AA 35-428
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PSG3 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Pregnancy-Specific β -1-Glycoprotein 3/PSG3 (C-6His)
Sequence:	<p>QVTIEAEPTK VSKGKDVLLL VHNLPQNLG YIWYKGQMKD LYHYITSYVW DGQIIYGPA YSGRETVYSN ASLLIQNVTR EDAGSYTLHI VKRGDGTGE TGHFTFTLYL ETPKPSISS NLYPREDMEA VSLTCDPETP DASYLWWMNG QSLPMTHSLQ LSKNKRTLFL FGVTKYTAGP YECEIRNPVS ASRSDPVTLN LLPKLPKPYI TINNLNPREN KDVLAFTCEP KSENYTYIWW LNGQSLPVSP RVKRPIENRI LILPSVTRNE TGPYQCEIQD RYGGIRSYPV TLNVLYGPD PRIYPSFTYY HSGENLYLSC FADSNPPAEY SWTINGKFQL SGQKLFIPQI TTKHSGLYAC SVRNSATGME SSKSMTVEVS APSGTGHLPG LNPLVDHHHH HH</p>
Characteristics:	Recombinant Human Pregnancy-specific beta-1-glycoprotein 3/PSG3 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Gln35-Leu428) of Human PSG3 fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.

Product Details

Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	PSG3
Alternative Name:	Pregnancy-Specific beta-1-Glycoprotein 3/PSG3 (PSG3 Products)
Sub Type:	Fusionprotein
Background:	<p>Pregnancy-specific beta-1-glycoprotein 3 is also known as Carcinoembryonic Antigen SG5,Pregnancy-Specific Glycoprotein 3 ,PS-Beta-G-3, PSBG-3.It belongs to the immunoglobulin superfamily. CEA family.It synthesized in large amounts by placental trophoblasts and released into the maternal circulation during pregnancy. Molecular cloning and analysis of several PSG genes has indicated that the PSGs form a subgroup of the carcinoembryonic antigen (CEA) gene family, Members of the CEA family consist of a single N domain, with structural similarity to the immunoglobulin variable domains, followed by a variable number of immunoglobulin constant-like A and/or B domains.</p> <p>Alternative Names: Pregnancy-specific beta-1-glycoprotein 3 is also known as Carcinoembryonic Antigen SG5,Pregnancy-Specific Glycoprotein 3 ,PS-Beta-G-3, PSBG-3.</p>
Molecular Weight:	45.2 kDa
UniProt:	Q16557

Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH2O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C

Handling

Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	3 months
