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Datasheet for ABIN7318927 PSG1 Protein (His tag)

Overview

Quantity:	50 µg
Target:	PSG1
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PSG1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human PSG1 Protein (His Tag)
Sequence:	Gln35-Pro419
Characteristics:	Recombinant Human Pregnancy-specific beta-1-glycoprotein 1 is produced by our Mammalian expression system and the target gene encoding Gln35-Pro419 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	PSG1
Alternative Name:	PSG1 (PSG1 Products)
Background:	Background: Pregnancy-specific beta-1-glycoprotein 1 (PSBG-1 for short), also named CD66 antigen-like family member F, Fetal liver non-specific cross-reactive antigen 1/2, PSG95,

Target Details

Pregnancy-specific beta-1 glycoprotein C/D, is a secreted protein which belongs to the immunoglobulin superfamily, CEA family. It contains 3 Ig-like C2-type (immunoglobulin-like) domains and 1 Ig-like V-type (immunoglobulin-like) domain. The human placenta is a multihormonal endocrine organ that produces hormones, enzymes, and other molecules that support fetal survival and development.

Synonym: Pregnancy-specific beta-1-glycoprotein 1,PSBG-1,CD66 antigen-like family member F, Fetal liver non-specific cross-reactive antigen 1/2, PSG95, Pregnancy-specific beta-1 glycoprotein C/D

Molecular Weight:	44.5 kDa
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UniProt:	P11464
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.
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Storage:	4 °C,-20 °C,-80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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