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Datasheet for ABIN7318929

PSG3 Protein (His tag)

Overview

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

Product Details

| | |
|------------------|---|
| Purpose: | Recombinant Human PSG3 Protein (His Tag) |
| Sequence: | Gln35-Leu428 |
| Characteristics: | Recombinant Human Pregnancy-specific beta-1-glycoprotein 3 is produced by our Mammalian expression system and the target gene encoding Gln35-Leu428 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: | PSG3 |
| Alternative Name: | PSG3 (PSG3 Products) |
| Background: | Background: 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 |

Target Details

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.

Synonym: Pregnancy-specific beta-1-glycoprotein 3, Carcinoembryonic Antigen SG5, Pregnancy-Specific Glycoprotein 3, PS-Beta-G-3, PSBG-3.

Molecular Weight: 45.2 kDa

UniProt: [Q16557](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

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.