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Datasheet for ABIN7318928 PSG2 Protein (His tag)

Overview

Quantity:	50 µg
Target:	PSG2
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PSG2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human PSG2 Protein (His Tag)
Sequence:	Gln35-Thr335
Characteristics:	Recombinant Human Pregnancy-specific beta-1-glycoprotein 2 is produced by our Mammalian expression system and the target gene encoding Gln35-Thr335 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:	PSG2
Alternative Name:	PSG2 (PSG2 Products)
Background:	Background: PSG2 is a secreted protein that in humans is encoded by the PSG2 gene. It is a member of the human pregnancy-specific glycoproteins (PSGs) family. These proteins are

Target Details

synthesized in large amounts by placental trophoblasts and released into the maternal circulation during pregnancy. PSG2 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. It has an arg-gly-asp (RGD) motif, which has been shown to function as an adhesion recognition signal for several integrins, in the N-terminal domain. Synonym: Pregnancy specific beta-1-glycoprotein 2, PSBG2, Pregnancy-specific beta-1 glycoprotein E, pregnancy-specific beta-1-glycoprotein 2, pregnancy-specific beta-1-glycoprotein 7, PSG2

Molecular Weight: 34.5 kDa

UniProt: [P11465](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

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

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.