Datasheet for ABIN7317194

PSG6 Protein (His tag)

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Overview

Quantity:	100 µg
Target:	PSG6
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PSG6 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human PSG6/PSG10 Protein (His Tag)
Sequence:	Met 1-His 424
Characteristics:	A DNA sequence encoding the human PSG6 (Met 1-His 424) (NP_001027020) was expressed, with a C-terminal polyhistidine tag.
Purity:	> 87 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	PSG6
Alternative Name:	PSG6/PSG10 (PSG6 Products)
Background:	Background: PSG6 is a pregnancy-specific glycoprotein(PSG). PSGs are secreted proteins which are produced by the rodent and primate placenta and play a critical role in pregnancy success. The levels of PSGs are highest during the third trimester of pregnancy, a time marked

Target Details

	by the most profound suppression of MS disease attacks. PSGs regulate T-cell function. The regulation of T-cell function during pregnancy is likely the result of significant hormonal changes and may well involve immunoregulatory proteins derived from the placenta. Pregnancy specific glycoproteins (PSGs) are the most abundant placentally derived glycoproteins in the maternal serum. PSG1, PSG6, PSG6N, and PSG11 induce dose-dependent secretion of anti-inflammatory cytokines by human monocytes. Human and murine PSGs exhibit cross-species activity. Synonym: CGM3,PSBG-10,PSBG-12,PSBG-6,PSG10,PSG12,PSG6,PSGGB
Molecular Weight:	45.2 kDa
NCBI Accession:	NP_001027020

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile 20 mM Tris, 500 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.