Recombinant Human PSG11

Cat. No. PSG11-27513TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Pregnancy specific beta 1 glycoprotein 11 with N terminal proprietary tag. Predicted MW 50.16 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	219 amino acids
Description	The human pregnancy-specific glycoproteins (PSGs) are a group of molecules that are mainly produced by the placental syncytiotrophoblasts during pregnancy. PSGs comprise a subgroup of the carcinoembryonic antigen (CEA) family, which belongs to the immunoglobulin superfamily. For additional general information about the PSG gene family, see PSG1 (MIM 176390).
Molecular Weight	50.160kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids	MHAAEIMGPLSAPPCTEHIKWKGLLLTVETPKPSISSSNL NPREAMETVILTCNPETP DASYLWWMNGQSLPMTHRMQLS ETNRTLFLFGVTKYTAGPYECEIWNSGSASRS DPVTLNLL HGPDLPRIFPSVTSYYSGENLDLSCFADSNPPAQYSWTIN GKFQLSGQ KLFIPQITPKHNGLYACSARNSATGEESSTSL TIRVIAPPGLGTFAFNNPT
Sequence Similarities	Belongs to the immunoglobulin superfamily. CEA family.Contains 2 Ig-like C2-type (immunoglobulin-like) domains.Contains 1 Ig-like V-type (immunoglobulin-like) domain.

GENE INFORMATION

Gene Name	PSG11 pregnancy specific beta-1-glycoprotein 11 [Homo sapiens]
Official Symbol	PSG11
Synonyms	PSG11; pregnancy specific beta-1-glycoprotein 11; PSG13, PSG14; pregnancy-specific beta-1-glycoprotein 11; MGC22484; pregnancy specific beta 1 glycoprotein 13;
Gene ID	5680
mRNA Refseq	NM_001113410
Protein Refseq	NP_001106881
MIM	176401
Uniprot ID	Q9UQ72
Chromosome Location	19q13.2

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