

Recombinant Human PSG9

Cat. No. PSG9-30346TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length mature Human PSG9 protein with an N terminal proprietary tag; Predicted MW 69.23 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	392 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	69.230kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.3% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids

EVTIEAQPPKVSEGKDVLLLVHNLPGYFWYKGEMTD LYHYIISYIVDGKIIYGP
 AYSGRETVYSNASLLIQNVTR KDAGTYTLHIIKRGDETREEIRHFTFTLYLETPKPYIS
 SS NLNPREAMEAVRLICDPETLDASYLWWMNGQSLPVTHRLQ LSKTNRTLYLFGV
 TKYIAGPYECEIRNPVSASRSDPVTLN LLPKLPIPYITINNLPRENKDVLAFTCEPKS
 ENYTYIWW LNGQSLPVSPGVKRPIENRILILPSVTRNETGPYQCEIQD RYGGLRSNP
 VILNVLYGPDLPRIYPSFTYYRSGENLDLSC FTESNPPAEYFWTINGKFQQSGQKLF
 PQITRNHSGLYAC SVHNSATGKEISKSM TVKVS GPCHGDLTESQS

Sequence Similarities

Belongs to the immunoglobulin superfamily. CEA family. Contains 3 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 Ig-like V-type (immunoglobulin-like) domain.

GENE INFORMATION

Gene Name [PSG9 pregnancy specific beta-1-glycoprotein 9 \[Homo sapiens \]](#)

Official Symbol [PSG9](#)

Synonyms PSG9; pregnancy specific beta-1-glycoprotein 9; PSG11; pregnancy-specific beta-1-glycoprotein 9; PSGII;

Gene ID [5678](#)

mRNA Refseq [NM_002784](#)

Protein Refseq [NP_002775](#)

MIM [176398](#)

Uniprot ID [Q00887](#)

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Chromosome	19q13.2
Location	

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