Recombinant Full Length Human PSG1 Protein

Cat. No. PSG1-401HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Pregnancy Specific Glycoprotein 1, isoform 4 with N terminal proprietary tag; Predicted MWt 69.23 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	392 amino acids
Description	The human placenta is a multihormonal endocrine organ that produces hormones, enzymes, and other molecules that support fetal survival and development. Pregnancy-specific beta-1-glycoprotein (PSBG, PSG) is a major product of the syncytiotrophoblast, reaching concentrations of 100 to 290 mg/l at term in the serum of pregnant women (Horne et al.
Form	Liquid
Molecular Mass	69.230kDa inclusive of tags
AA Sequence	QVTIEAEPTKVSEGKDVLLLVHNLPQNLTGYIWYKGQMRD LYHYITSYVVDGEIIIYG PAYSGRETAYSNASLLIQNVTR EDAGSYTLHIIKGDDGTRGVTGRFTFTLHLETPKP SISSS NLNPRETMEAVSLTCDPETPDASYLWWMNGQSLPMTHSLK LSETNRTLFLL GVTKYTAGPYECEIRNPVSASRSDPVTLN LLPKLPKPYITINNLNPRENKDVLNFTCE PKSENYTYIWW LNGQSLPVSPRVRRPIENRILILPSVTRNETGPYQCEIRD RYGGIR SDPVTLNVLYGPDLPRIYPSFTYYRSGEVLYLSC SADSNPPAQYSWTINEKFQLPGQ

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	KLFIRHITTKHSGLYVC SVRNSATGKESSKSMTVEVSGKWIPASLAIGF
Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name	PSG1 pregnancy specific beta-1-glycoprotein 1 [Homo sapiens]
Official Symbol	PSG1
Synonyms	PSG1; pregnancy specific beta-1-glycoprotein 1; PSBG1; pregnancy-specific beta-1-glycoprotein 1; CD66f; PBG1; PSGGA
Gene ID	5669
mRNA Refseq	NM_001184825
Protein Refseq	NP_001171754
MIM	176390
UniProt ID	P11464

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