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PSG5, 35-335aa, Human, His tag, E.coli

产品货号: TP03558

第三版

**别名:** Pregnancy-specific beta-1-glycoprotein 5, FL-NCA-3, PSG

**描述:** PSG5 is a member of the PSG family, a group of closely related secreted glycoproteins that are highly expressed in fetal placental syncytiotrophoblast cells. PSGs become detectable in serum during the first two to three weeks of pregnancy and increase as the pregnancy progresses, eventually representing the most abundant fetal protein in the maternal blood at term. PSG5 function to stimulate secretion of TH2-type cytokines from monocytes, and they may also modulate the maternal immune system during pregnancy, thereby protecting the semi-alloypic fetus from rejection. Recombinant human PSG5 protein, fused to His-tag at N-terminus, was expressed in E.coli.

**配方:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1M Urea, 10% glycerol

**分子量:** 36.4 kDa (324aa)

**序列:**

MGSSHHHHHSSGLVPRGSHMGSQVTIEALPPKVSEKDVLLLLVHNL PQNLAGYIWYKQLMDLYHYITSYVVDGQINI  
YGPAYTGRET VYSNASLLIQNV TREDAGSYTLHIIKRGDRTRGVTGYFTFNLYLKL PKPYITINNSKPRENKDVL AFTCEPKS  
ENYTYIWWLNGQSLPVS PRVKRPIENRILILPSVTRNETGPYECEIRD RDGGMRSDPVTLNVL YGPDLP SIYPSFTYYRSGENL  
YLSCFAESNPPAEYFW TINGKFQSGQKLSIPQITTKHRGLYTCSVRNSATG KESSKSMTVEVSAPSGIGRLPLL NPI

**纯度:** > 95% by HPLC

**浓度:** 0.5 mg/ml (determined by Bradford assay)

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.