

Pregnancy Specific Beta-1-Glycoprotein 5 Human Recombinant

Item Number	rAP-4565
Synonyms	Pregnancy Specific Beta-1-Glycoprotein 5, Pregnancy-Specific Beta-1 Glycoprotein, Fetal Liver Non-Specific Cross-Reactive Antigen 3, Pregnancy-Specific Beta-1-Glycoprotein 5, FL-NCA-3, PS-beta-G-5, PSBG-5, PSG.
Description	PSG5 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 324 amino acids (35-335) and having a molecular mass of 36.4kDa.PSG5 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q15238
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSQVTIEAL PPKVSEGKDV LLLVHNL PQN LAGYIWYKGQ LMDLYHY-ITS YVVDGQINIY GPAYTGRET V YSNASLLIQN VTREDAGSYT LHIKRGDRT RGV TGYFTFN LYLKLPKPYI TINNSKP REN KDVLAFTCEP KSENYTYIWW LNGQSLPVSP RVKRPIENRI LILPSVTRNE TGPYECEIRD RDGGM RSDPV TLNVLYGPD L PSYPSFTYY RSGENLYLSC FAESNPPAEY FWTING-KFQQ SGQKLSIPQI TTKHRGLYTC SVRNSATGKE SSKSMTVEVS APSGIGRLPL LNPI
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	The PSG5 solution contains 20mM Tris-HCl buffer (pH 8.0), 1M Urea and 10% glycerol. Greater than 80% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**