

Product datasheet for **AR51502PU-N**

CD66f / PSG1 (35-419, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	CD66f / PSG1 (35-419, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSQVTIEAE PTKVSEGKDV LLLVHNLQPN LTGYIWYKGQ MRDLYHYITS YVVDGEIIIY GPAYSGRETA YSNASLLIQN VTREDAGSYT LHIKGGDDGT RGV TGRFTFT LHLETPKPSI SSSNLNPRET MEAVSLTCDP ETPDASYLWW MNGQSLPMTH SLKLSETNRT LFLLGVTKYT AGPYECEIRN PVSASRSDPV TLNLLPKLPK PYITINLNP RENKDV LNFT CEPKSENYTY IWWLNGQSLP VSPRVKRP IE NRILILPSVT RNETGPYQCE IRDRYGGIRS DPVTLNVL YG PDLPRIYPSF TYRSGEVLY LSCSADSNPP AQYSWTINEK FQLPGQKLF I RHITTKHSG L YVCSVRNSAT GKESKSM TV EVSGKWIP
Tag:	His-tag
Predicted MW:	45.9 kDa
Concentration:	lot specific
Purity:	>80% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PSG1 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001171754
Locus ID:	5669
UniProt ID:	P11464
Cytogenetics:	19q13.2



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Synonyms: B1G1; CD66f; DHFRP2; FL-NCA-1/2; PBG1; PS-beta-C/D; PS-beta-G-1; PSBG-1; PSBG1; PSG95; PSGGA; PSGIIA; SP1

Summary: 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., 1976 [PubMed 971765]). PSG is a member of the immunoglobulin (Ig) superfamily (Watanabe and Chou, 1988 [PubMed 3257488]; Streydio et al., 1988 [PubMed 3260773]).[supplied by OMIM, Oct 2009]

Protein Families: Secreted Protein

Product images:

