

# Product datasheet for AR51502PU-N

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

#### **Product data:**

#### OriGene Technologies, Inc.

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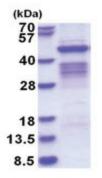
Product Type:	Recombinant Proteins
Description:	CD66f / PSG1 (35-419, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSQVTIEAE PTKVSEGKDV LLLVHNLPQN LTGYIWYKGQ MRDLYHYITS YVVDGEIIIY GPAYSGRETA YSNASLLIQN VTREDAGSYT LHIIKGDDGT RGVTGRFTFT LHLETPKPSI SSSNLNPRET MEAVSLTCDP ETPDASYLWW MNGQSLPMTH SLKLSETNRT LFLLGVTKYT AGPYECEIRN PVSASRSDPV TLNLLPKLPK PYITINNLNP RENKDVLNFT CEPKSENYTY IWWLNGQSLP VSPRVKRPIE NRILILPSVT RNETGPYQCE IRDRYGGIRS DPVTLNVLYG PDLPRIYPSF TYYRSGEVLY LSCSADSNPP AQYSWTINEK FQLPGQKLFI RHITTKHSGL YVCSVRNSAT GKESSKSMTV EVSGKWIP
Tag:	His-tag
Predicted MW:	45.9 kDa
Concentration:	lot specific
Purity:	>80% by SDS - PAGE
Buffer:	Presentation State: This purified protein is available in a denatured form, making it less suitable for functional studies. Denatured proteins are better suited for applications like Western Blot (WB) or imaging assays. 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:	<u>NP 001171754</u>
Locus ID:	5669
UniProt ID:	<u>P11464</u>



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	CD66f / PSG1 (35-419, His-tag) Human Protein – AR51502PU-N
Cytogenetics:	19q13.2
Synonyms:	Pregnancy-specific beta-1-glycoprotein 1, PS-beta-G-1, PSBG-1, PSBG1, B1G1, PSGGA, PSG95, Pregnancy-specific beta-1 glycoprotein C/D, PS-beta-C/D
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:



15% SDS-PAGE (3ug)

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