

Product datasheet for AR51502PU-S

OriGene Technologies, Inc.

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

Product data:

Product Type: Recombinant Proteins

Description: CD66f / PSG1 (35-419, His-tag) human recombinant protein, 0.1 mg

Species: Human E. coli **Expression Host:**

Expression cDNA Clone

MGSSHHHHHH SSGLVPRGSH MGSQVTIEAE PTKVSEGKDV LLLVHNLPQN LTGYIWYKGQ

or AA Sequence: 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.

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid Storage:

repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeq: NP 001171754

5669 Locus ID: UniProt ID: P11464





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-

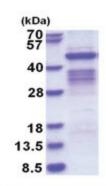
glycoprotein (PSBG, PSG) is a major product of the syncytiotrophoblast, reaching

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)