

## **Product datasheet for TP303134L**

## OriGene Technologies, Inc.

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## PSG5 (NM 002781) Human Recombinant Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human pregnancy specific beta-1-glycoprotein 5 (PSG5), transcript

variant 1, 1 mg

Species: Human
Expression Host: HEK293T

**Expression cDNA Clone** >RC203134 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MGPLSAPPCTQHITWKGVLLTASLLNFWNLPITAQVTIEALPPKVSEGKDVLLLVHNLPQNLAGYIWYKG QLMDLYHYITSYVVDGQINIYGPAYTGRETVYSNASLLIQNVTREDAGSYTLHIIKRGDRTRGVTGYFTF NLYLKLPKPYITINNSKPRENKDVLAFTCEPKSENYTYIWWLNGQSLPVSPRVKQPIENRILILPSVTRN ETGPYECEIRDRDGGMHSDPVTLNVLYGPDLPSIYPSFTYYRSGENLYLSCFAESNPPAEYFWTINGKFQ

QSGQKLSIPQITTKHRGLYTCSVRNSATGKESSKSMTVEVSAPSGIGRLPLLNPI

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV** 

Tag: C-Myc/DDK

Predicted MW: 37.5 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by

conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: NP 002772

**Locus ID:** 5673





UniProt ID: Q15238, A0A024R0S1

RefSeq Size: 1669

Cytogenetics: 19q13.31 1005 RefSeq ORF:

Synonyms: FL-NCA-3; PSG

**Summary:** The human pregnancy-specific glycoproteins (PSGs) are a group of molecules that are mainly

produced by the placental syncytiotrophoblasts during pregnancy. PSGs comprise a subgroup

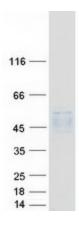
of the carcinoembryonic antigen (CEA) family, which belongs to the immunoglobulin

superfamily. For additional general information about the PSG gene family, see PSG1 (MIM

176390).[supplied by OMIM, Oct 2009]

**Protein Families:** Secreted Protein

## **Product images:**



Coomassie blue staining of purified PSG5 protein (Cat# [TP303134]). The protein was produced from HEK293T cells transfected with PSG5 cDNA clone (Cat# [RC203134]) using MegaTran 2.0 (Cat# [TT210002]).