

Product datasheet for **TP303134**

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, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203134 protein sequence Red =Cloning site Green =Tags(s)

MGPLSAPPCTQHITWKGVLLTASLLNFWNLPITAQVTIEALPPKVSEGKDVLLLVHNLQPQLAGYIWYKG
QLMDLYHYITSYVVDGQINIYGPAITGRETVYSNASLLIQNVTREDAGSYTLHIIKRGDRTRGVTGYFTF
NLYLKLPKPYITINNSKPRENKDVLAFTCEPKSENYTIWWLNGQSLPVSPrVKQPIENRILILPSVTRN
ETGPYECEIRDRDGGMHSDPVTNLNLYGPDLPISIYPSFTYYRSGENLYLSCFAESNPPAEYFWTINGKFQ
QSGQKLSIPQITTKHRGLYTCSVRNSATGKESSKSMTEVVSAPSGIGRLPLLNI

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



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UniProt ID: [Q15238](#), [A0A024R0S1](#)

RefSeq Size: 1669

Cytogenetics: 19q13.31

RefSeq ORF: 1005

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]).