

Datasheet for ABIN2713764

PSG1 Protein (Myc-DYKDDDDK Tag)**1** Image**1** Publication[Go to Product page](#)

Overview

Quantity:	20 µg
Target:	PSG1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PSG1 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	<ul style="list-style-type: none">• Recombinant human CD66f / PSG1 protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	PSG1
Alternative Name:	Cd66f,psg1 (PSG1 Products)
Background:	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

Target Details

	Chou, 1988 [PubMed 3257488] Streydio et al., 1988 [PubMed 3260773]).[supplied by OMIM, Oct 2009].
Molecular Weight:	47.7 kDa
NCBI Accession:	NP_008836

Application Details

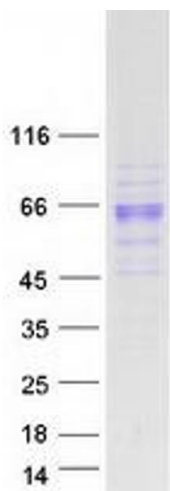
Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	50 µg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Publications

Product cited in:	Saha, Chakraborty, Xiong, Dwivedi, Mustafi, Leigh, Ramchandran, Mukherjee, Bhattacharya: "Cystathionine β-synthase regulates endothelial function via protein S-sulfhydration." in: FASEB journal : official publication of the Federation of American Societies for Experimental Biology , Vol. 30, Issue 1, pp. 441-56, (2016) (PubMed).
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Western Blotting

Image 1. Validation with Western Blot