Recombinant Human PSG2 Protein (Gln35-Thr335), C-His tagged

Cat. No. PSG2-5455H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PSG2 (Gln35-Thr335) fused with the C-terminal His tag was expressed in mammalian cells.
Species	Human
Source	Mammalian Cells
ProteinLength	Gln35-Thr335
Description	The human pregnancy-specific glycoproteins (PSGs) are a family of proteins that are synthesized in large amounts by placental trophoblasts and released into the maternal circulation during pregnancy. Molecular cloning and analysis of several PSG genes has indicated that the PSGs form a subgroup of the carcinoembryonic antigen (CEA) gene family, which belongs to the immunoglobulin superfamily of genes. Members of the CEA family consist of a single N domain, with structural similarity to the immunoglobulin variable domains, followed by a variable number of immunoglobulin constant-like A and/or B domains. Most PSGs have an arg-gly-asp (RGD) motif, which has been shown to function as an adhesion recognition signal for several integrins, in the N-terminal domain (summary by Teglund et al., 1994 [PubMed 7851896]). For additional general information about the PSG gene family, see PSG1 (MIM 176390).
Form	Lyophilized powder/frozen liquid

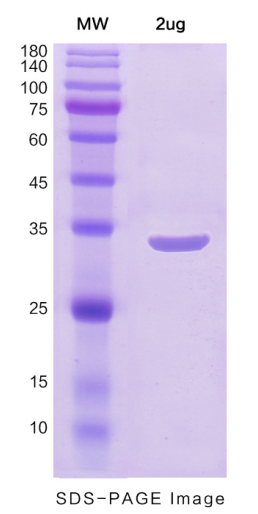
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Molecular Mass	33.11 kDa
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS or lyophilized from PBS.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	PSG2 pregnancy specific beta-1-glycoprotein 2 [Homo sapiens (human)]
Official Symbol	PSG2
Synonyms	PSG2; pregnancy specific beta-1-glycoprotein 2; CEA; PSG1; PSBG2;
Gene ID	5670
mRNA Refseq	NM_031246
Protein Refseq	NP_112536
MIM	176391

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UniProt ID	P11465
SDS-PAGE	

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