Recombinant Human SERPINB9 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SERPINB9-3445H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SERPINB9 MS Standard C13 and N15-labeled recombinant protein (NP_004146) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the serine protease inhibitor family which are also known as serpins. The encoded protein belongs to a subfamily of intracellular serpins. This protein inhibits the activity of the effector molecule granzyme B. Overexpression of this protein may prevent cytotoxic T-lymphocytes from eliminating certain tumor cells. A pseudogene of this gene is found on chromosome 6.
Molecular Mass	42.4 kDa
AA Sequence	METLSNASGTFAIRLLKILCQDNPSHNVFCSPVSISSALAMVLLGAKGNTATQMAQAL SLNTEEDIHRAFQSLLTEVNKAGTQYLLRTANRLFGEKTCQFLSTFKESCLQFYHAEL KELSFIRAAEESRKHINTWVSKKTEGKIEELLPGSSIDAETRLVLVNAIYFKGKWNEPF DETYTREMPFKINQEEQRPVQMMYQEATFKLAHVGEVRAQLLELPYARKELSLLVLL PDDGVELSTVEKSLTFEKLTAWTKPDCMKSTEVEVLLPKFKLQEDYDMESVLRHLGI VDAFQQGKADLSAMSAERDLCLSKFVHKSFVEVNEEGTEAAAASSCFVVAECCME SGPRFCADHPFLFFIRHNRANSILFCGRFSSPTRTRPLEQKLISEEDLAANDILDYKD DDDKV

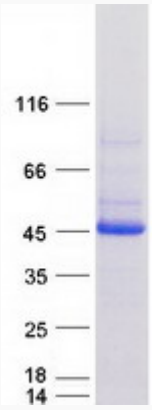
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	SERPINB9 serpin family B member 9 [Homo sapiens (human)]
Official Symbol	SERPINB9
Synonyms	SERPINB9; serpin peptidase inhibitor, clade B (ovalbumin), member 9; PI9, serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 9; serpin B9; CAP3; peptidase inhibitor 9; cytoplasmic antiproteinase 3; protease inhibitor 9 (ovalbumin type); serpin peptidase inhibitor, clade B, member 9; serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 9; PI9; PI-9; CAP-3;
Gene ID	5272
mRNA Refseq	NM_004155
Protein Refseq	NP_004146
MIM	601799

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID	P50453
SDS-PAGE	

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA