

Product datasheet for PH300645

SERPINB9 (NM_004155) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SERPINB9 MS Standard C13 and N15-labeled recombinant protein (NP_004146)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200645
Predicted MW:	42.4 kDa
Protein Sequence:	>RC200645 protein sequence Red=Cloning site Green=Tags(s)
	METLSNASGTFAIRLLKILCQDNPSHNVFCSPVSISSALAMVLLGAKGNTATQMAQALSINTEEDIHRAF QSLLETVNKAGTQYLLRTANRLFGEKTCQFLSTFKESCLQFYHAELKELSFIRAAEESRKHINTWVSKKT EGKIEELLPGSSIDAETRLVLVNAIYFKGKWNPEPFDETYTREMPEFKINQEEQRPVQMMYQEATFKLAHVG EVRAQLLELPYARKELSLVLLPDDGVELSTVEKSLTFEKLTAWTKPDCMKSTEVEVLLPKFKLQEDYDM ESVLRHLGIVDAFQQGKADLSAMSAERDLCLSKFVHKSFVEVNEEGTEAAAASSCFVVAECCMESGPRFC ADHPFLFFIRHNRANSILFCGRFSSP
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_004146</u>
RefSeq Size:	4167
RefSeq ORF:	1128
Synonyms:	CAP-3; CAP3; PI-9; PI9
Locus ID:	5272



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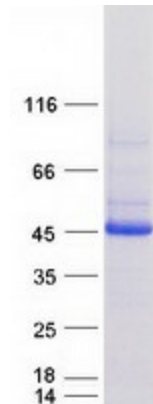
UniProt ID: [P50453](#), [A0A024QZT4](#)

Cytogenetics: 6p25.2

Summary: 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. [provided by RefSeq, Mar 2012]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified SERPINB9 protein (Cat# [TP300645]). The protein was produced from HEK293T cells transfected with SERPINB9 cDNA clone (Cat# [RC200645]) using MegaTran 2.0 (Cat# [TT210002]).