

## Product datasheet for PH308148

### SERPINA12 (NM\_173850) Human Mass Spec Standard

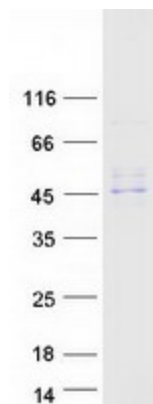
#### Product data:

Product Type:	Mass Spec Standards
Description:	SERPINA12 MS Standard C13 and N15-labeled recombinant protein (NP_776249)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208148
Predicted MW:	47.2 kDa
Protein Sequence:	>RC208148 protein sequence Red=Cloning site Green=Tags(s)
	MNPTLGLAIFLAVLLTVKGLLKPSPFSPRNYKALSEVQGWKQRMAAKELARQNMDLGFKLLKLAIFYNPGR NIFLSPLSISTAFSMLCLGAQDSTLDEIKQGFNFRKMPEKDLHEGFHYIHELTKTQDLKLSIGNTLFI DQRLQPQRKFLEDAKNFYSAETILTNFQNLMAQKQINDFISQKTHGKINNLIENIDPGTVMLLANYIFF RARWKHEFDPNVTKEDFFLEKNSSVKVPMFMRSGIYQVGYDDKLSCTILEIPYQKNITAIFILPDEGKL KHLEKGLQVDTFSRWKTLSSRRVVDVSVPRLHMTGTGFDLKKTL SYIGVSKIFEEHGD LTKIAPHRSLKVG EAVHKAELKMDERGETEGAAGTGAQTLPMETPLVVKIDKPYLLLIYSEKIPSVLFLGKIVNPIGK
	TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_776249</a>
RefSeq Size:	2087
RefSeq ORF:	1242
Synonyms:	OL-64
Locus ID:	145264



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UniProt ID:	<a href="#">Q8IW75</a>
Cytogenetics:	14q32.13
Summary:	Adipokine that modulates insulin action by specifically inhibiting its target protease KLK7 in white adipose tissues.[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome, Secreted Protein

**Product images:**

Coomassie blue staining of purified SERPINA12 protein (Cat# [TP308148]). The protein was produced from HEK293T cells transfected with SERPINA12 cDNA clone (Cat# [RC208148]) using MegaTran 2.0 (Cat# [TT210002]).