

## Product datasheet for PH310745

### SPCS2 (NM\_014752) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	SPCS2 MS Standard C13 and N15-labeled recombinant protein (NP_055567)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210745
Predicted MW:	25 kDa
Protein Sequence:	>RC210745 protein sequence Red=Cloning site Green=Tags(s)  MAAAAVQGGRSGGSGGCSGAGGASNCGTGSGRSGLLDKWKIDDKPVKIDKWDGSAVKNSLDDSAKKVLLK KYKYVENFGLIDGRLTICTISCFFAIVALIWDYMHFPESKPVLCVSIYFVMMGILTIYTSYKEKSIF LVAHRKDPTGMDPDDIWQLSSSLKRFDDKYTLKLTFTISGRTKQQREAFTKSIKFFDHSGLVMDAYEP EISRLHDSLAIERKIK  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_055567</a>
RefSeq Size:	2731
RefSeq ORF:	678
Locus ID:	9789
UniProt ID:	<a href="#">Q15005</a>
Cytogenetics:	11q13.4

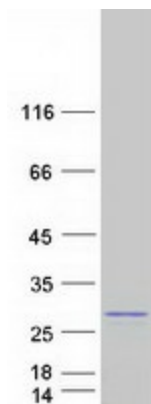


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**Summary:** Component of the microsomal signal peptidase complex which removes signal peptides from nascent proteins as they are translocated into the lumen of the endoplasmic reticulum.  
[UniProtKB/Swiss-Prot Function]

**Protein Families:** Protease, Transmembrane

**Product images:**



Coomassie blue staining of purified SPCS2 protein (Cat# [TP310745]). The protein was produced from HEK293T cells transfected with SPCS2 cDNA clone (Cat# [RC210745]) using MegaTran 2.0 (Cat# [TT210002]).