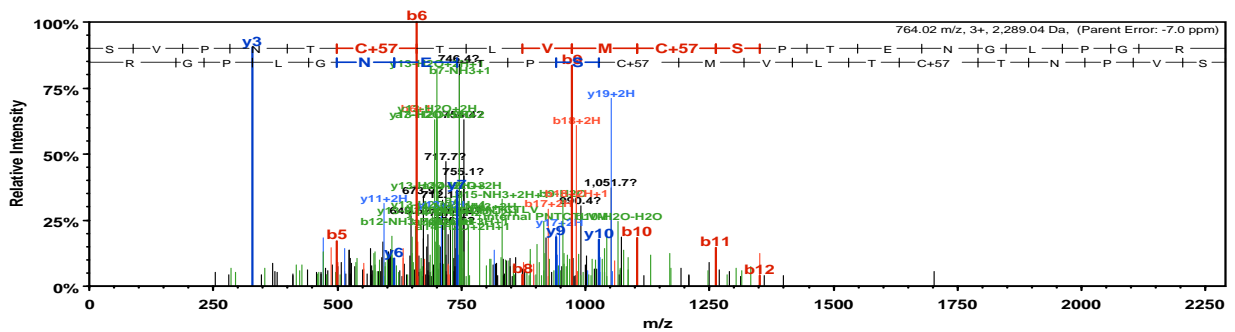


(A): mrSP-D Peptide coverage

M L P F L S M L V L	L V Q P L G N L G A	E M K S L S Q R S V	P N T C T L V M C S	P T E N G L P G R D
G R D G R E G P R G	E K G D P G L P G P	M G L S G L Q G G P T	G P V G P K G E N G	S A G E P G P K G E
R G L S G P P G L P	G I P G P A G K E G	P S G K Q G N I G P	Q G K P G P K G E A	G P K G E V G A P G
M Q G S T G A K G S	T G P K G E R G A P	G V Q G A P G N A G	A A G P A G P A G P	Q G A P G S R G P P
G L K G D R G V P G	D R G I K G E S G L	P D S A A L R Q Q M	E A L K G K L Q R L	E V A F S H Y Q K A
A L F P D G R S V G	D K I F R T A D S E	K P F E D A Q E M C	K Q A G G Q L A S P	R S A T E N A A I Q
Q L I T A H N K A A	F L S M T D V G T E	G K F T Y P T G E P	L V Y S N W A P G E	P N N N G G A E N C
V E I F T N G Q W N	D K A C G E Q R L V	I C E F		

(B): SVPNTCTLVMCSPTEENGLPGR modifications



Supplemental figure 1.

Mass spectrometric analysis of ozone exposed rSP-D *in vitro* reveals oxidation of cysteines at 15 and 20 position. Recombinant mouse SP-D (3µg) was de-glycosylated as described. The de-glycosylated SP-D was trypsinized overnight and then assessed by the TSQ-Vantage mass spectrometer. **(A): rSP-D Peptide coverage in Orbitrap:** 25 exclusive unique peptides, 42 exclusive unique spectra, 114 total spectra, 251/374 amino acids (67% coverage) **(B):** Oxidation of peptide SVPNTCTLVMCSPTEENGLPGR after *in vitro* ozone treatment. Green spikes represent high confidence of identification (>95%). The experiment was run in triplicate.