C13 Arg – A (38.90%)

>sp|Q13228|SBP1_HUMAN Selenium-binding protein 1 OS=Homo sapiens GN=SELENBP1 PE=1 SV=2

MATK**CGNCGPGYSTPLEAMK**GPREEIVYLPCIYR**NTGTEAPDYLATVDVDPK**SPQYCQVI
HRLPMPNLKDELHHSGWNTCSSCFGDSTKSRTK**LVLPSLISSR**IYVVDVGSEPRAPKLHK
VIEPKDIHAKCELAFLHTSHCLASGEVMISSLGDVKGNGKGGFVLLDGETFEVK**GTWERP**
GGAAPLGYDFWYQPRHNVMISTEWAAPNVLRDGFNPADVEAGLYGSHLYVWDWQR**HEIVQ**
TLSLKDGLIPLEIR**FLHNPDAAQGFVGCALSSTIQR**FYKNEGGTWSVEKVIQVPPKKVKG
WLLPEMPGLITDILLSLDDRFLYFSNWLHGDLRQYDISDPQRPR**LTGQLFLGGSIVKGGP**
VQVLEDEELKSQPEPLVVKGKR**VAGGPQMIQLSLDGK**RLYITTSLYSAWDK**QFYPDLIR**E
GSVMLQVDVDTVKGGLK**LNPNFLVDFGKEPLGPALAHELR**YPGGDCSSDIWI

C13 Arg – B (22.70%)

>sp|Q13228|SBP1_HUMAN Selenium-binding protein 1 OS=Homo sapiens GN=SELENBP1 PE=1 SV=2

MATKCGNCGPGYSTPLEAMKGPREEIVYLPCIYR**NTGTEAPDYLATVDVDPK**SPQYCQVI
HRLPMPNLKDELHHSGWNTCSSCFGDSTKSRTK**LVLPSLISSR**IYVVDVGSEPRAPKLHK
VIEPKDIHAKCELAFLHTSHCLASGEVMISSLGDVKGNGKGGFVLLDGETFEVKGTWERP
GGAAPLGYDFWYQPRHNVMISTEWAAPNVLRDGFNPADVEAGLYGSHLYVWDWQRHEIVQ
TLSLKDGLIPLEIR**FLHNPDAAQGFVGCALSSTIQR**FYKNEGGTWSVEKVIQVPPKKVKG
WLLPEMPGLITDILLSLDDRFLYFSNWLHGDLRQYDISDPQRPR**LTGQLFLGGSIVKGGP**
VQVLEDEELKSQPEPLVVKGKR**VAGGPQMIQLSLDGK**RLYITTSLYSAWDKQFYPDLIRE
GSVMLQVDVDTVKGGLK**LNPNFLVDFGKEPLGPALAHELR**YPGGDCSSDIWI

C13 Lys – A (31.90%)

>sp|Q13228|SBP1_HUMAN Selenium-binding protein 1 OS=Homo sapiens GN=SELENBP1 PE=1 SV=2

MATKCGNCGPGYSTPLEAMKGPREEIVYLPCIYR**NTGTEAPDYLATVDVDPK**SPQYCQVI
HRLPMPNLKDELHHSGWNTCSSCFGDSTKSRTK**LVLPSLISSR**IYVVDVGSEPRAPKLHK
VIEPKDIHAKCELAFLHTSHCLASGEVMISSLGDVKGNGKGGFVLLDGETFEVK**GTWERP**
GGAAPLGYDFWYQPRHNVMISTEWAAPNVLRDGFNPADVEAGLYGSHLYVWDWQRHEIVQ
TLSLKDGLIPLEIRFLHNPDAAQGFVGCALSSTIQRFYKNEGGTWSVEKVIQVPPKKVKG
WLLPEMPGLITDILLSLDDRFLYFSNWLHGDLRQYDISDPQRPRLTGQLFLGGSIVK**GGP**
VQVLEDEELKSQPEPLVVKGKR**VAGGPQMIQLSLDGKR**LYITTSLYSAWDKQFYPDLIRE
GSVMLQVDVDTVKGGLK**LNPNFLVDFGKEPLGPALAHELR**YPGGDCSSDIWI

C13 Lys – B (20.80%)

>sp|Q13228|SBP1_HUMAN Selenium-binding protein 1 OS=Homo sapiens GN=SELENBP1 PE=1 SV=2

MATKCGNCGPGYSTPLEAMKGPREEIVYLPCIYR**NTGTEAPDYLATVDVDPK**SPQYCQVI
HRLPMPNLKDELHHSGWNTCSSCFGDSTKSRTK**LVLPSLISSR**IYVVDVGSEPRAPKLHK
VIEPKDIHAKCELAFLHTSHCLASGEVMISSLGDVKGNGKGGFVLLDGETFEVK**GTWERP**
GGAAPLGYDFWYQPRHNVMISTEWAAPNVLRDGFNPADVEAGLYGSHLYVWDWQR**HEIVQ**
TLSLKDGLIPLEIRFLHNPDAAQGFVGCALSSTIQRFYKNEGGTWSVEKVIQVPPKKVKG
WLLPEMPGLITDILLSLDDRFLYFSNWLHGDLRQYDISDPQRPRLTGQLFLGGSIVKGGP
VQVLEDEELKSQPEPLVVKGKR**VAGGPQMIQLSLDGKR**LYITTSLYSAWDKQFYPDLIRE
GSVMLQVDVDTVKGGLK**LNPNFLVDFGKEPLGPALAHELR**YPGGDCSSDIWI

Supplementary Figure 6g: Amino acid sequence of SBP1 and its identified peptides.

Figure to show the percentage coverage of the full amino acid sequence of SBP1 that is represented by the peptide sequences identified in all four SILAC experiments. (The amino acids highlighted in red bold represent identified peptides).