Conditioned Medium of *L. gasseri* SF1183 contains molecules smaller than 3kDa of proteinaceous nature.

HCT116 cells were pre-incubated for 16 hours with CM from *L. Gasseri SF1183* either untreated or (A) treated with trypsin (GIBCO), proteinase K (Invitrogen), DNAase I or RNAase I (Invitrogen) at the final concentration of 100mg/ml for 60’ at 37°C (B) size fractionated on a spin column (Centricon, Millipore) with a cut-off of 3 kDa and then incubated or not with TNF-α 1nM for 8 hours. After the treatment cells were collected, lysed and total cell extracts were analyzed by western blot with anti-rabbit PARP-1 (Cell Signaling, EuroClone, Milan, Italy 9542) revealing both the full length and cleaved PARP-1 and β-actin (Santa Cruz) used as loading control.