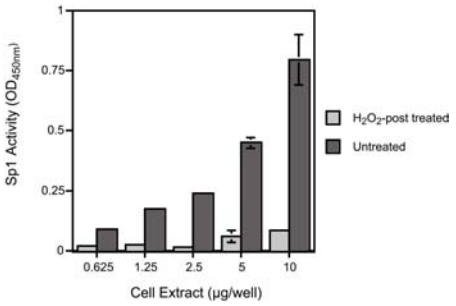
# MCF-7 nuclear extract ($H_2O_2$ post-treated)

**Catalog No:** 40810

**Contents:** 2 x 100 µg of MCF-7 nuclear extract ($H_2O_2$ post treated) at 2.50 µg/µl

**Composition:**
The MCF-7 nuclear extracts have been collected in Lysis Buffer. Post-collection treatment consists in exposing the nuclear extract to a final concentration of 200 mM $H_2O_2$ for 20 min on ice. The Lysis Buffer consists of 20mM Hepes (pH 7.9), 100 mM KCl, 1mM $MgCl_2$, 20% glycerol, 0.5 mM PMSF and 0.5 mM DTT. The protein content has been determined by a Bradford-based assay.




**Quality Control:**
Each lot has been tested for Sp1 activity by using the TransAM™ Sp1 Kit. The signal intensity for Sp1 activity in each lot is compared to the signal intensity obtained with $H_2O_2$-post treated extracts from MCF-7 cells (see figure). Once the signals are blanked, the ratio between the signals from untreated extracts over treated extracts used at 5 µg/well must be above 4.

**Storage:**
To ensure stability, extracts should be stored at -80ºC.

We recommend aliquoting the extracts into single-use fractions and then storing them at -80ºC. This eliminates repeated freeze/thaw cycles.

**Guarantee:**
This product is guaranteed for 6 months from date of arrival.