

Positive Control Cell Lysate

LC3 I

**enriched cell fraction
(from PC3 cells)**

Order No.: 1041/PC3/LC3I

Lot: 1041



www.nanotools.de

orders & support:

email: info@nanotools.de

phone: +49-7641-455 670

fax: +49-7641-455 671

01/140812F

Formulation

The cell fraction containing LC3 I was prepared from semiconfluent PC3 cells with LC3 I buffer (order no. 3041-050/LC3I-buffer) from the LC3-kit (order no. 3043/LC3-KIT).

Extracted proteins were lyophilized. 1 vial corresponds to $3,7 \times 10^6$ cells. The sample contains SDS and 0,001% Pyronine.

Reconstitution

Reconstitute by addition of 200 μ l H₂O. After complete solubilization add 200 μ l 2x SDS-PAGE sample buffer, mix and incubate at 90°C for 5 min.

Aliquote and store frozen. Avoid repeated freeze/thaw cycles.

Application

The positive control cell lysate is recommended for immunoblot applications.

Use 20 μ l / lane (mini gel) for HRPO/ECL detection of the target proteins. 20 μ l / lane is equivalent to approx. 10^5 cells.

Please note:

The lyophilized cell lysates contain SDS and **are not recommended** for applications with native proteins such as immunoprecipitation.

