SANTA CRUZ BIOTECHNOLOGY, INC.

PPIL2 (h2): 293T Lysate: sc-128398



BACKGROUND

Cyclophilins are conserved, ubiquitous and abundant cytosolic peptidylprolyl *cis-trans* isomerases that accelerate the isomerization of XaaPro peptide bonds and the refolding of proteins. PPIL2 (cyclophilin-60), also known as PPIL2 (peptidylprolyl isomerase (cyclophilin)-like 2), CYC4 or PPlase, is a 520 amino acid nuclear protein that belongs to the PPIL2 subfamily of the cyclophilin-type PPlase family. As a peptidylprolyl isomerase, PPIL2 accelerates protein folding, specifically the *cis-trans* isomerization of oligopeptide proline imidic peptide bonds. Existing as two alternatively spliced isoforms, PPIL2 is highly expressed in testis, pancreas and placenta, along with many melanomas and lymphomas, and is expressed at lower levels in spleen, kidney, prostate, small intestine, colon, heart, placenta, liver and lung. The gene encoding PPIL2 maps to human chromosome 22q11.21.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: PPIL2 (human) mapping to 22q11.21.

PRODUCT

PPIL2 (h2): 293T Lysate represents a lysate of human PPIL2 transfected 293T cells and is provided as 100 μ g protein in 200 μ l SDS-PAGE buffer.

APPLICATIONS

PPIL2 (h2): 293T Lysate is suitable as a Western Blotting positive control for human reactive PPIL2 antibodies. Recommended use: 10-20 μ l per lane.

Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

STORAGE

Store at -20° C. Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.