

3T3 NIH Whole Cell Lysate

Cat. No. NIH 3T3-151M **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Mouse
Form	The lysate was boiled for 5 min in 1 x SDS sample buffer (50 mM Tris-HCl pH 6.8, 12.5% glycerol, 1% sodium dodecylsulfate, 0.01% bromophenol blue) containing 5% β -mercaptoethanol.
Concentration	2.0 mg/ml
Cell line	NIH/3T3 (embryo)
Tissue Type	Fibroblast from NIH Swiss mouse embryos
Growth media	DMEM & 10% fetal bovine serum
Preparation method	Mouse NIH/3T3 cell lysate was prepared by homogenization in modified RIPA buffer (50 mM Tris-HCl, pH 7.4, 1% Triton X-100, 0.2% sodium deoxycholate, 0.2% sodium dodecylsulfate (SDS), 1 mM sodium ethylenediaminetetraacetate, 1 mM phenylmethyl-sulfonyl fluoride, 5 μ g/ml of aprotinin, 5 μ g/ml of leupeptin)). Cell debris was removed by centrifugation. Protein concentration was determined with Bio-Rad protein assay. The lysate was boiled for 5 min in 1 x SDS sample buffer (50 mM Tris-HCl pH 6.8, 12.5% glycerol, 1% SDS, 0.01% bromophenol blue) containing 5% β -mercaptoethanol.

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Expiration Date	One year from date of receipt
Size	0.1 mg, 0.5 mg
Storage Instruction	This whole cell lysate is stable for three months at -20°C or at -70°C for up to one year.
Applications	This lysate is for use in Western blotting, 10 µg to 20 µg per lane is recommended for mini gel.

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