


Store at -20C #55330	Mouse Brain Tissue Control Extracts	
	100 µl	
		Orders: 877-616-CELL (2355) orders@cellsignal.com
		Support: 877-678-TECH (8324)
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For Research Use Only. Not for Use in Diagnostic Procedures.

Description

The extract is prepared from whole brain tissue of adult mice, and is intended for use as a positive control in western blotting applications. The protein concentration is 2 mg/ml.

The extract was prepared from whole tissue by homogenization in 1X RIPA buffer (#9806, 10X) (20 mM Tris-HCl pH 7.5, 150 mM NaCl, 1% NP-40, 1% sodium deoxycholate, 1 mM sodium EDTA, 1 mM EGTA, 1 µg/ml leupeptin, 1 mM β-glycerophosphate, 1 mM sodium orthovanadate, 2.5 mM sodium pyrophosphate), 1 mM PMSF (#8553, 34.84 mg), 1X Protease/Phosphatase Inhibitor Cocktail (#5872, 100X).

The extract was subsequently sonicated and insoluble cell debris removed by centrifugation. The extract was then boiled for 5 min in 1X SDS sample buffer + DTT (#7722, Blue Loading Buffer Pack) (62.5 mM Tris-HCl pH 6.8, 10% glycerol, 2% SDS, 0.01% bromophenol blue, 42 mM DTT) to denature the proteins.

Storage

Supplied in SDS Sample Buffer. Store at -20°C, or at -80°C for long-term storage.

Directions for Use

CST recommends loading 10-20 µl extract per mini-gel lane. Boil for 2 minutes prior to use.

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