

C2C12 Whole Cell Lysate

Cat. No. C2C12-158H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
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	C2C12 (Muscle; Myoblast)
Tissue Type	Muscle; Myoblast
Growth media	DMEM & 10% FBS (Fetal Bovine Serum)
Preparation method	C2C12 lysate was prepared by homogenization in modified RIPA buffer (150 mM sodium chloride, 50 mM Tris-HCl, pH 7.4, 1 mM ethylenediaminetetraacetic acid, 1 mM phenylmethylsulfonyl fluoride, 1% Triton X-100, 1% sodium deoxycholic acid, 0.1% sodium dodecylsulfate, 5 µg/ml of aprotinin, 5 µg/ml of leupeptin). Cell debris was removed by centrifugation. Protein concentration was determined with Bio-Rad protein assay.
Expiration Date	One year from date of receipt

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Size	0.1 mg, 0.5 mg
Storage Instruction	This lysate should be aliquoted in working amounts and may be stored for up to one month at -20°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles. For longer term storage, freeze working aliquots at -70°C.
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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