

# Human Skeletal Muscle Membrane Diabetic Disease Lysate

**Cat. No.** Skeletal Muscle-433H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	Human Skeletal Muscle
<b>Concentration</b>	2 mg/mL or better
<b>Tissue Type</b>	Skeletal Muscle
<b>Shipping</b>	Dry ice
<b>Preparation method</b>	<p>human skeletal muscle tissue membrane protein lysate was prepared by isolating the membrane protein from whole tissue homogenates using a proprietary technique. The human skeletal muscle tissue was frozen in liquid nitrogen immediately after excision and then stored at -70°C. The membrane protein is provided in a buffer including HEPES (pH 7.9), MgCl<sub>2</sub>, KCl, EDTA, Sucrose, Glycerol, sodium deoxycholate, NP-40, and a cocktail of protease inhibitors. For quality control purposes, the isolated Skeletal Muscle tissue membrane protein pattern on SDS-PAGE gel is shown to be consistent for each lot by visualization with coomassie blue staining. The isolated Skeletal Muscle tissue membrane protein is then Western analyzed by either GAPDH or β-actin antibody to confirm there is no signal or very weak signal.</p>
<b>Diagnosis</b>	Diseased
<b>Storage Buffer</b>	HEPES pH 7.9, MgCl <sub>2</sub> , KCl, EDTA, Sucrose, Glycerol, Sodium deoxycholate, and NP-40.

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**Storage Instruction**

Store at 2-8°C for continuous use. For extended storage, freeze working aliquots at -70°C. Repeated freezing and thawing is not recommended. Under proper storage conditions the shelf life is half a year from the date of receipt.

**Applications**

Skeletal Muscle membrane protein lysate is for use in Western blotting, 10 µg to 20 µg per lane is recommended for mini gel.

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