

## Human Lung Membrane Lysate

Cat. No. Lung-323H Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	Human Lung
<b>Concentration</b>	2 mg/mL or better
<b>Tissue Type</b>	Lung
<b>Shipping</b>	Dry ice
<b>Preparation method</b>	<p>Human lung tissue membrane protein lysate was prepared by isolating the membrane protein from whole tissue homogenates using a proprietary technique. The human lung 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 lung tissue membrane protein pattern on SDS-PAGE gel is shown to be consistent for each lot by visualization with coomassie blue staining. The isolated lung tissue membrane protein is then Western analyzed by either GAPDH or <math>\beta</math>-actin antibody to confirm there is no signal or very weak signal.</p>
<b>Diagnosis</b>	Normal
<b>Storage Buffer</b>	HEPES pH 7.9, MgCl <sub>2</sub> , KCl, EDTA, Sucrose, Glycerol, Sodium deoxycholate, and NP-40.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



**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**

Lung 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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