

## Human Lung (LT Upper Lobe) Membrane Lysate

**Cat. No.** Lung-306H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	Human Lung: Left Upper Lobe
<b>Concentration</b>	2 mg/mL or better
<b>Tissue Type</b>	Lung: Left Upper Lobe
<b>Shipping</b>	Dry ice
<b>Preparation method</b>	<p>Human lung left upper lobe tissue membrane protein lysate was prepared by isolating the membrane protein from whole tissue homogenates using a proprietary technique. The human lung left upper lobe 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 left upper lobe 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 left upper lobe 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>	Normal
<b>Storage Buffer</b>	HEPES pH 7.9, MgCl <sub>2</sub> , KCl, EDTA, Sucrose, Glycerol, Sodium deoxycholate, and

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NP-40.

**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: Left Upper Lobe 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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