Human Lung (LT Lower Lobe) Cytoplasmic Lysate

Cat. No. Lung-305H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	Human Lung: Left Lower Lobe
Concentration	2 mg/mL or better
Tissue Type	Lung: Left Lower Lobe
Shipping	Dry ice
Preparation method	Human lung left lower lobe tissue cytoplasmic protein lysate was prepared by isolating the cytoplasmic protein from whole tissue homogenates using a proprietary technique. The human lung left lower lobe tissue was frozen in liquid nitrogen immediately after excision and then stored at -70?C. The cytoplasmic protein is provided in a buffer including HEPES (pH 7.9), MgCl2, KCl, EDTA, Sucrose, glycerol, and a cocktail of protease inhibitors. For quality control purposes, the isolated lung left lower lobe tissue cytoplasmic protein pattern on SDS-PAGE gel is shown to be consistent for each lot by visualization with coomassie blue staining. The isolated lung left lower lobe tissue cytoplasmic protein is then Western analyzed by GAPDH antibody, and the expression level is consistent with each lot.
Diagnosis	Normal

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Storage Buffer	HEPES pH 7.9, MgCl2, KCl, EDTA, Sucrose, Glycerol, Sodium deoxycholate, and 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 Lower Lobe cytoplasmic protein lysate is for use in Western blotting, 10 µg to 20 µg per lane is recommended for mini gel.

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