# Human Esophagus Membrane Tumor Lysate

**Cat. No.** Esophagus-124H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | |
| **Species** | Human |
| **Source** | Human Esophagus |
| **Concentration** | 2 mg/mL or better |
| **Tissue Type** | Esophagus |
| **Shipping** | Dry ice |
| **Preparation method** | Human esophagus tissue membrane protein lysate was prepared by isolating the membrane protein from whole tissue homogenates using a proprietary technique. The human esophagus 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), MgCl2, KCl, EDTA, Sucrose, Glycerol, sodium deoxycholate, NP-40, and a cocktail of protease inhibitors. For quality control purposes, the isolated esophagus tissue membrane protein pattern on SDS-PAGE gel is shown to be consistent for each lot by visualization with coomassie blue staining. The isolated esophagus tissue membrane protein is then Western analyzed by either GAPDH or β-actin antibody to confirm there is no signal or very weak signal. |
| **Diagnosis** | Tumor |

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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** | Esophagus 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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