

# Human Stomach-Pylorus Membrane Lysate

**Cat. No.** Stomach-Pylorus-503H    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

|                      |                        |
|----------------------|------------------------|
| <b>Species</b>       | Human                  |
| <b>Source</b>        | Human Stomach: Pylorus |
| <b>Concentration</b> | 2 mg/mL or better      |
| <b>Tissue Type</b>   | Stomach: Pylorus       |
| <b>Shipping</b>      | Dry ice                |

### Preparation method

Human stomach: Pylorus tissue membrane protein lysate was prepared by isolating the membrane protein from whole tissue homogenates using a proprietary technique. The human stomach: Pylorus 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 stomach: Pylorus tissue membrane protein pattern on SDS-PAGE gel is shown to be consistent for each lot by visualization with coomassie blue staining. The isolated stomach: Pylorus tissue membrane protein is then Western analyzed by either GAPDH or  $\beta$ -actin antibody to confirm there is no signal or very weak signal.

|                  |        |
|------------------|--------|
| <b>Diagnosis</b> | Normal |
|------------------|--------|

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|                            |                                                                                                                                                                                                                                      |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage Buffer</b>      | HEPES pH 7.9, MgCl <sub>2</sub> , KCl, EDTA, Sucrose, Glycerol, Sodium deoxycholate, and NP-40.                                                                                                                                      |
| <b>Storage Instruction</b> | 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. |
| <b>Applications</b>        | Stomach: Pylorus 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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