

Papain

Cat. No. APH-033

Lot. No. (See product label)



Product Name

Papain

Pack Size

25 mg; 100 mg

Product Description

Papain is a cysteine protease consisting of a single polypeptide containing three disulfide bridges. Native crystalline papain is unreactive until acted upon by mild reducing agents. Papain has a wide specificity with a preference towards arginine, lysine, and phenylalanine. This enzyme degrades protein substrates, cartilage more extensively than pancreatic proteases and is typically less damaging and more effective than other proteases for tissue dissociation applications.

Dosage Form

Powder

Source

Papaya

Application

Tissue and cell culture dissociation

PH

6.0-7.0

Storage

Store at 2 - 8°C.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY