

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: A01420H **Lot #:** 3C07021

Description: Human Pepsinogen II
Pepsinogen II (Pepsinogen C)

Source: Human Gastric Mucosa

Format: Purified, Lyophilized
Reconstitute at 1 mg/mL in saline, pH ≥ 8.0.

Purification: ≥ 90% pure (SDS-PAGE). Identity confirmed by Western Blot.

Concentration: Total Protein: 0.12 mg protein per 0.1 vial (OD280nm, $E^{0.1\%} = 1.43$)
Activity: 4,210 Units/mg (After Activation)
One unit will produce an OD280nm of 0.001 per minute at pH 2.0 and 37°C, measured as TCA-soluble products using hemoglobin as substrate.

Buffer: Lyophilized from Tris Chloride, pH 8.5.

Preservative: None

Applications: Suitable for use in Western Blot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Upon receipt, store at -20°C. Avoid multiple freeze/thaw cycles.

Inactivation: Not Applicable

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature:



11 MAR 2021

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY