

## Native Bovine Anhydrotrypsin, Pancreatic

<b>Catalog No.</b>	CSI19717A	<b>Quantity:</b>	100 µg
	CSI19717B		1.0 mg

**Alternate Names:** Beta-trypsin, Cationic trypsin

**Description:** Treatment of trypsin with phenylmethylsulfonyl fluoride (PMSF) followed by a strong base leads to the conversion of Serine 195 to dehydroalanine at the active site. Alpha and beta forms of anhydrotrypsin are separated by immobilized soybean trypsin inhibitor. The activity of anhydrotrypsin is greatly reduced compared to native trypsin as quantified by chromogenic substrate. This Anhydrotrypsin product is the single chain beta-form prepared from Type XIII bovine trypsin

**UniProt ID:** P00760

**Gene ID:** 780933

**Source:** Bovine Pancreas

**Molecular Weight:** 23.3 kDa

**Formulation:** 1 mM HCl, 10 mM CaCl<sub>2</sub>

**Purity:** >95% by SDS-PAGE analysis

**Extinction Coefficient:**  $E^{0.1\%}_{280\text{nm}} = 1.54$

**Concentration:**  $\geq 1.0$  mg/ml, lot specific

**Storage & Stability:** Store at -80°C for up to 1 year. Upon initial thaw, prepare working aliquots and store at -80°C. **Avoid repeated freeze-thaw cycles.**

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**



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