

Native Bovine Immobilized Anhydrotrypsin

Cat. No. LOC780933-24B **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Bovine
Source	Bovine pancreas
Description	Immobilized anhydrotrypsin selectively adsorbs peptides with Arg, Lys or AECys (S-aminoethyl cysteine) residues at the C-terminus under weak acidic conditions . Strongly acidic conditions are used to elute the bound peptides. Peptides with these amino acids at the N-terminus or internally, as well as free amino acids are not bound. Serine protease inhibitors such as ecotin and PAI-1 may also be purified on this resin . May be used repeatedly.
Form	Resin
Molecular Mass	23,300
Purity	>95% by SDS-PAGE analysis
Usage	For in vitro laboratory use only
Notes	Optimal experimental conditions and working dilutions must be determined by the end user. Sample concentration and volume are for example purposes only and do not necessarily represent the product that will be received. Please contact us for a current lot-specific product datasheet.

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Storage	4°C
Concentration	1.0 mg/ml coupled
Storage Buffer	0.15M NaCl; 0.02% Sodium Azide; pH 4.0
Preservative	SodiumAzide
Shipping	Cold pack

GENE INFORMATION

Gene Name	LOC780933 cationic trypsin [Bos taurus]
Official Symbol	LOC780933
Synonyms	cationic trypsin; beta-trypsin; trypsin, beta
Gene ID	780933
mRNA Refseq	NM_001113727
Protein Refseq	NP_001107199
UniProt ID	P00760
Chromosome Location	chromosome: 4
Pathway	Influenza A, organism-specific biosystem; Neuroactive ligand-receptor interaction, organism-specific biosyste

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Function

metal ion binding; protein binding; serine-type endopeptidase activity

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