

Recombinant Rat Trypsin protein ab240857

1 图像

描述	
产品名称	重组大鼠Trypsin蛋白
纯度	> 85 % SDS-PAGE.
表达系统	Yeast
Accession	<u>P12788</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Rat
序列	IVGGYTCPKHLVPYQVSLHDGISHQCGGSLISDQWVLSAAHC YKRKLQVR LGEHNIHVLEGGEQFIDAEKIIRHPEYNKDTLDNDIMLIKLK SPAVLNSQ VSTVSLPRSCASTDAQCLVSGWGNTVSIGGKYPALLQCLEAP VLSASSCK KSYPGQITSNMFCLGFLEGGKDSCDGDGGPVVCNGEIQGIV SWGSVCAM RGKPGVYTKVCNYLSWIQETMANN
预测分子量	26 kDa including tags
氨基酸	24 to 247
标签	His tag N-Terminus
额外的序列信息	Full length mature chain without the signal peptide. N-terminal 6xHis-tagged
技术指标	
Our <u>Abpromise guarantee</u> covers the use of ab240857 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	SDS-PAGE
形式	Liquid
制备和贮存	

稳定性和存储

Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.20

Constituents: Tris buffer, 50% Glycerol (glycerin, glycerine)

常规信息

功能

Has activity against the synthetic substrates Boc-Phe-Ser-Arg-Mec, Boc-Leu-Thr-Arg-Mec, Boc-Gln-Ala-Arg-Mec and Boc-Val-Pro-Arg-Mec. The single-chain form is more active than the two-chain form against all of these substrates.

疾病相关

Defects in PRSS1 are a cause of hereditary pancreatitis (HPC) [MIM:167800]; also known as chronic pancreatitis (CP). HPC is an autosomal dominant disease characterized by the presence of calculi in pancreatic ducts. It causes severe abdominal pain attacks.

序列相似性

Belongs to the peptidase S1 family.

Contains 1 peptidase S1 domain.

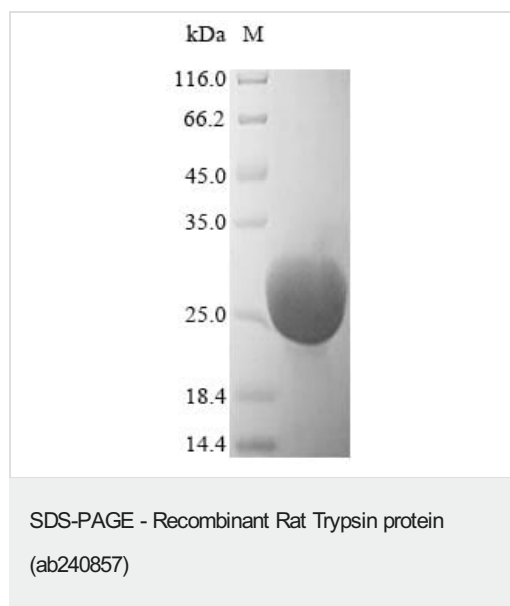
翻译后修饰

Occurs in a single-chain form and a two-chain form, produced by proteolytic cleavage after Arg-122.

细胞定位

Secreted > extracellular space.

图片



Analysis of ab240857 by (Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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