

Datasheet for ABIN7585715

Neurotrypsin Protein (AA 22-761) (His tag)



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Overview

Quantity:	100 µg
Target:	Neurotrypsin (PRSS12)
Protein Characteristics:	AA 22-761
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Neurotrypsin protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>DPVLHSPLH RPHSPPRSQ HAHYLPSSRR PPRTPRFPLP PRAPAAQRPQ LLSTRHTPPT</p> <p>ISRRCGAGEP WGNATNLGVP CLHWDEVPPF LERSPPASWA ELRGQPHNFC RSPGGAGRPW</p> <p>CFYRNAQGVK DWGYCDCGQG PALPVIRLVG GKSHEGRVE LYHAGQWGTI CDDQWDDADA</p> <p>EVICRQLGLS GIAKAHQAH FGEGSGPILL DEVRCTGNEL SIEQCPKSSW GEHNCGHKED</p> <p>AGVSCAPLTD GVIRLSGGKS VHEGRLEVYY RGQWGTVCDD GWTEMNTYVA CRLLGFKYVK</p> <p>QSSVNHFEQS SRPIWLDDVS CSGKEASFIQ CSRRQWGRHD CSHREDVGLT CYPDSGDHRL</p> <p>SPGFPIRLMD GENKREGRVE VVSGQWGTI CDDGWTDKHA AVICRQLGYK GPARARTMAY</p> <p>FGEGKGPIHM DNVKCTGNEK ALADCVKQDI GRHNCRHSED AGVICDYEEK KTSGHGNKET</p> <p>LSSGCGLRLL HRRQKRIIGG NNSLRGAWPW QASRLKSTH GDGRLLCGAT LLSSCWVLT</p> <p>AHCFKRYGNN SRSYAVRVD YHTLVPEEFE QEIGVQQIVI HRNYRPDSSD YDIALVRLQG</p> <p>SGEQCARLST HVLPACLPLW RERPQKTASN CHITGWGDTG RAYSRTLQQA AVPLLPKRFC</p> <p>KERYKGLFTG RMLCAGNLQE DNRVDSCQGD SGGPLMCEKP DETWVVGVT SWGYGCGIKD</p>
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Product Details

TPGVYTRVPA FVPWIKSVTS L

Specificity: Rattus norvegicus (Rat)

Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

Target Details

Target: Neurotrypsin (PRSS12)

Alternative Name: Neurotrypsin (Prss12) ([PRSS12 Products](#))

Background: Recommended name: Neurotrypsin.
EC= 3.4.21.-.
Alternative name(s): Serine protease 12

UniProt: [G3V801](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling

Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.