BSSP-4 Protein, Human (HEK293, His)

Cat. No.:	HY-P70108
Synonyms:	rHuBrain-specific serine protease 4/BSSP-4, His; Brain-Specific Serine Protease 4; BSSP-4; Serine Protease 22; Serine Protease 26; Tryptase Epsilon; PRSS22; BSSP4; PRSS26
Species:	Human
Source:	HEK293
Accession:	Q9GZN4 (A33-S317)
Gene ID:	64063
Molecular Weight:	33-35 kDa

PROPERTIES

AA Sequence	A R I P V P P A C G K P Q Q L N R V V G G E D S T D S E W P W I V S I Q K N G T H H C A G S L L T S R W V I T A A H C F K D N L N K P Y L F S V L L G A W Q L G N P G S R S Q K V G V A W V E P H P V Y S W K E G A C A D I A L V R L E R S I Q F S E R V L P I C L P D A S I H L P P N T H C W I S G W G S I Q D G V P L P H P Q T L Q K L K V P I I D S E V C S H L Y W R G A G Q G P I T E D M L C A G Y L E G E R D A C L G D S G G P L M C Q V D G A W L L A G I I S W G E G C A E R N R P G V Y I S L S A H R S W V E K I V Q G V Q L R G R A Q G G G A L R A P S Q G S G A A A R S
Biological Activity	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
Appearance	Solution.
Formulation	Supplied as a 0.2 µm filtered solution of 20 mM HAc-NaAc, 150 mM NaCl, 10% Glycerol, pH 4.5.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconsititution	N/A
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	The BSSP-4 protein takes center stage as it exhibits a distinct preference for cleaving the synthetic substrate H-D-Leu-Thr-Arg-pNA in comparison to tosyl-Gly-Pro-Arg-pNA. This enzymatic specificity highlights BSSP-4's selectivity in substrate recognition and cleavage, showcasing its potential role in modulating specific peptide sequences. The preference for H-D-

	Leu-Thr-Arg-pNA over tosyl-Gly-Pro-Arg-pNA suggests a substrate specificity that could be relevant to the protein's functional role in biological processes.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA