

CELA3A Protein, Human (HEK293, His)

Cat. No.:	HY-P70133
Synonyms:	rHuChymotrypsin-like elastase family member 3A/CELA3A, His; Chymotrypsin-Like Elastase Family Member 3A; Elastase IIIA; Elastase-3A; Protease E; CELA3A; ELA3; ELA3A
Species:	Human
Source:	HEK293
Accession:	P09093 (S16-H270)
Gene ID:	10136
Molecular Weight:	Approximately 31.0 kDa

PROPERTIES

AA Sequence	<pre> S G Y G P P S S H S S S R V V H G E D A V P Y S W P W Q V S L Q Y E K S G S F Y H T C G G S L I A P D W V V T A G H C I S R D L T Y Q V V L G E Y N L A V K E G P E Q V I P I N S E E L F V H P L W N R S C V A C G N D I A L I K L S R S A Q L G D A V Q L A S L P P A G D I L P N K T P C Y I T G W G R L Y T N G P L P D K L Q Q A R L P V V D Y K H C S R W N W W G S T V K K T M V C A G G Y I R S G C N G D S G G P L N C P T E D G G W Q V H G V T S F V S A F G C N F I W K P T V F T R V S A F I D W I E E T I A S H </pre>
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 Tris-HCl, 150 mM NaCl, 10% Glycerol, pH 7.5.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	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	CELA3A Protein functions as an efficient protease with a specificity for alanine, demonstrating limited elastolytic activity.
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Caution: Product has not been fully validated for medical applications. For research use only.

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