

CELA2A Protein, Mouse (His)

Cat. No.:	HY-P72136
Synonyms:	Cela2a; Ela-2; Ela2; Ela2aChymotrypsin-like elastase family member 2A; EC 3.4.21.71; Elastase-2; Elastase-2A
Species:	Mouse
Source:	E. coli
Accession:	P05208 (V31-N271)
Gene ID:	13706
Molecular Weight:	Approximately 29.7 kDa

PROPERTIES

AA Sequence	<pre>V V G G Q E A T P N T W P W Q V S L Q V L S S G R W R H N C G G S L V A N N W V L T A A H C L S N Y Q T Y R V L L G A H S L S N P G A G S A A V Q V S K L V V H Q R W N S Q N V G N G Y D I A L I K L A S P V T L S K N I Q T A C L P P A G T I L P R N Y V C Y V T G W G L L Q T N G N S P D T L R Q G R L L V V D Y A T C S S A S W W G S S V K S S M V C A G G D G V T S S C N G D S G G P L N C R A S N G Q W Q V H G I V S F G S S L G C N Y P R K P S V F T R V S N Y I D W I N S V M A R N</pre>
Biological Activity	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm solution of Tris-based buffer, 50% Glycerol.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	The protein is involved in the regulation of innate immunity and the inflammatory response in response to IFN-gamma. It organizes the autophagic machinery by serving as a platform for the assembly of various proteins involved in autophagy. It also recognizes specific autophagy targets and coordinates target recognition with the initiation of autophagy.
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Caution: Product has not been fully validated for medical applications. For research use only.

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