

Chymotrypsin-like elastase family member 2A (CELA2A) Recombinant Protein | CELA2A recombinant protein

Recombinant Bovine Chymotrypsin-like elastase family member 2A (CELA2A)

CATALOG #
AAA113179

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Chymotrypsin-like elastase family member 2A (CELA2A); Recombinant Bovine Chymotrypsin-like elastase family member 2A (CELA2A); CELA2A recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	29-269aa; Full Length of Mature Protein
Sequence	VVGGEDARPN SWPWQVSLQY SSSGQWRHTC GGSLEQNWV LTAAHCISSS RTYRVVVGRR SLSTVESGSL TIAVSKSVIH EKWNSNQLAQ GNDIALKLKLA SSVPLTDKIQ LGCLPAAGTI LPNNYVCYVT GWGRLQSNQA LPDILQQGKL LVVDYATCSN PSWWGSTVKT NMICAGGDGV TSSCNGDSGG PLNCQAANRQ WQVHGIVSFG SSLGCNYYRK PSVFTRVSNY NDWISSVIEN N
Species	Bovine
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for CELA2A recombinant protein	This protein is a glycoprotein secreted from the pancreas into the digestive tract and from the lactating mammary gland into human milk. The physiological role of this protein is in cholesterol and lipid-soluble vitamin ester hydrolysis and absorption. This encoded protein promotes large chylomicron production in the intestine. Also its presence in plasma suggests its interactions with cholesterol and oxidized lipoproteins to modulate the progression of atherosclerosis. In pancreatic tumoral cells, this encoded protein is thought to be sequestered within the Golgi compartment and is probably not secreted. This gene contains a variable number of tandem repeat (VNTR) polymorphism in the coding region that may influence the function of the encoded protein.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27807285
NCBI GeneID	282687
NCBI Accession #	NP_777139.1
NCBI GenBank Nucleotide #	NM_174714.2
UniProt Accession #	Q29461
Molecular Weight	28,857 Da
NCBI Official Full Name	chymotrypsin-like elastase family member 2A
NCBI Official Symbol	CELA2A

NCBI Official Synonym Symbols	Ela2; ELA2A
NCBI Protein Information	chymotrypsin-like elastase family member 2A
UniProt Protein Name	Chymotrypsin-like elastase family member 2A
UniProt Gene Name	CELA2A
UniProt Synonym Gene Names	ELA2; ELA2A

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/cela2a-recombinant-protein-e-coli/113179>