

Amelogenin, X isoform (AMELX) Recombinant Protein | AMELX recombinant protein

Recombinant Human Amelogenin, X isoform (AMELX)

CATALOG # AAA116806	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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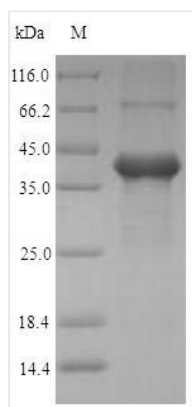
PRODUCT SYNONYMS

Amelogenin; X isoform (AMELX); Recombinant Human Amelogenin; X isoform; AMELX 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	17-191aa; Full Length of Mature Protein
Sequence	MPLPPHPGHP GYINFSYEV L TPLKWYQSIR PPYPSYGYEP MGGWLHHQII PVLSQQHPPT HTLQPHHHIP VVPAQQPVIP QQPMPVPGQ HSMTPIQHHQ PNLPPPAQQP YQPQPVQPQP HQPMQPPV HPMQPLPPQP PLPPMFPMQP LPPMLPDLTL EAWPSTDGTK REEVD
Species	Homo sapiens (Human)
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.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for AMELX recombinant protein	Plays a role in biomineralization. Seems to regulate the formation of crystallites during the secretory stage of tooth enamel development. Thought to play a major role in the structural organization and mineralization of developing enamel.
Product Categories/Family for AMELX recombinant protein	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502071
NCBI GeneID	265
NCBI Accession #	NP_001133.1
NCBI GenBank Nucleotide #	NM_001142.2
UniProt Accession #	Q99217; Q96NW6; Q9UCA7
Molecular Weight	35.9 kDa
NCBI Official Full Name	amelogenin, X isoform isoform 1
NCBI Official Synonym Full Names	amelogenin, X-linked
NCBI Official Symbol	AMELX
NCBI Official Synonym Symbols	AMG; AI1E; AIH1; ALGN; AMGL; AMGX
NCBI Protein Information	amelogenin, X isoform; amelogenesis imperfecta 1; amelogenin (amelogenesis imperfecta 1, X-linked); amelogenin (X chromosome, amelogenesis imperfecta 1)
UniProt Protein Name	Amelogenin, X isoform
UniProt Gene Name	AMELX
UniProt Synonym Gene Names	AMG; AMGX
UniProt Entry Name	AMELX_HUMAN

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/amelx-recombinant-protein-e-coli/116806>