



Recombinant Human Amelogenin, X isoform (AMELX)

Product Code	CSB-MP860753HU
Abbreviation	AMELX
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q99217
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MPLP PHPGHPGYIN FSYEVLTPK WYQSIRPPYP SYGYEPMGGW LHHQIIPVLS QQHPPTHTLQ PHHHIPVVA QQPVIPQQPM MPVPGQHSMT PIQHHQPNLP PPAQQPYQPQ PVQPQPHQPM QPQPPVHPMQ PLPPQPPLPP MFPMQPLPPM LPDLTLEAWP STDKTKREEV D
Source	Mammalian cell
Target Names	AMELX
Protein Names	Recommended name: Amelogenin, X isoform
Expression Region	17-191
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This gene encodes a member of the amelogenin family of extracellular matrix proteins. Amelogenins are involved in biomineralization during tooth enamel development. Mutations in this gene cause X-linked amelogenesis imperfecta. Alternative splicing results in multiple transcript variants encoding different isoforms.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.