



Recombinant Human Amelogenin, X isoform (AMELX)

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|--------------------------|---|
| Product Code | CSB-YP860753HU |
| 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 PHHHIPVVPA QQPVIPQQPM MPVPGQHSMT PIQHHQPNLP PPAQQPYQPQ PVQPQPHQPM QPQPPVHPMQ PLPPQPPLPP MFPMQPLPPM LPDLTLEAWP STDKTKREEV D |
| Source | Yeast |
| 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. |