

# Human AMELX Recombinant Protein



RPPB2729

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## Product Information    Protein Information

**Product SKU:**

RPPB2729

**Accession:**

Q99217

**Host:**

Escherichia Coli.

**Protein description:**

AMELX Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 198 amino acids (17-191 a.a) and having a molecular mass of 22kDa. AMELX is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Amelogenin X isoform, AMELX, AMG, AMGX, AI1E, AIH1, ALGN, AMGL.

**Formulation:**

AMELX protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.5), 0.2M NaCl, 30% glycerol and 1mM DTT.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MGSMLPPHP GHPGYINFSY EVLTPWKWYQ SIRPPYPSYG YEPMGGWLHH  
QIIPVLSQQH PPTHLPQPHH HIPVPAQQP VIPQQMMPV PGQHSMTPIQ HHQPNLPPPA QQPYPQPVQ  
PQPHQMQPQ PPVHPMQPLP QQPPLPMFP MQPLPMLPD LTLEAWPSTD KTKREEVD.