

Recombinant Human AMELX, His&SUMO-tagged

Cat. No. AMELX-7078H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AMELX(NP_001133.1)(17-191aa), fused to two N-terminal tag, His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	17-191aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	35.9kDa
AA Sequence	MPLPPHPGHPGYINFSYEVLTPWKYQSIRPPYPSYGYEPMGGWLHHQIIPVLSQQ HPPTHTLQPHHHIPVVPAQQPVIPQQPMMPVPGQHSMTPIQHHQPNLPPPAQQPY QPQPVPQPHQPMQPPVHPMQLPPQPPLPPMFPMQPLPPMLPDLTLEAWPS TDKTKREEVD
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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Storage

Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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.

GENE INFORMATION

Gene Name

AMELX amelogenin X-linked [Homo sapiens (human)]

Official Symbol

AMELX

Synonyms

AMG; AI1E; AIH1; ALGN; AMGL; AMGX

Gene ID

265

mRNA Refseq

NM_001142.2

Protein Refseq

NP_001133.1

MIM

300391

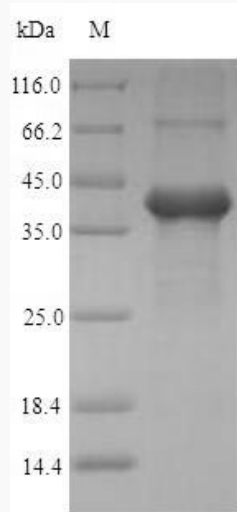
UniProt ID

Q99217

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SDS-PAGE

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