

Recombinant Human AMELX cell lysate

Cat. No. AMELX-70HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	AMELX amelogenin, X-linked [Homo sapiens]
Official Symbol	AMELX
Synonyms	AMELX; amelogenin, X-linked; AIH1, amelogenin (X chromosome, amelogenesis imperfecta 1) , AMG; amelogenin, X isoform; amelogenesis imperfecta 1; amelogenin (amelogenesis imperfecta 1, X-linked); amelogenin (X chromosome, amelogenesis imperfecta 1); AMG; AI1E; AIH1; ALGN; AMGL; AMGX;

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Gene ID	265
mRNA Refseq	NM_001142
Protein Refseq	NP_001133
MIM	300391
UniProt ID	Q99217
Chromosome Location	Xp22.31-p22.1
Function	cell surface binding; growth factor activity; hydroxyapatite binding; identical protein binding; protein binding; structural constituent of tooth enamel; structural constituent of tooth enamel;

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