

Recombinant Human AMELY Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. AMELY-457H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	AMELY MS Standard C13 and N15-labeled recombinant protein (NP_001134) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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 a related gene on chromosome X cause X-linked amelogenesis imperfecta.
Molecular Mass	21.73 kDa
AA Sequence	MGTWILFACLVGA AFAMPLPPHPGHPGYINFSYEVLTP LK WYQSMIRPPYSSYGYEP MGGWLHHQIIPVVSQQHPLTHTLQSHHHIPV VPAQQPRVRQQALMPVPGQQSMTP TQHHQPNLPLPAQQPFQPPVQPPHQPMPQPPVQPMQPLLQPPLPPMFPLR PLPPILPDLHLEAWPATDKTKQEEVDTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

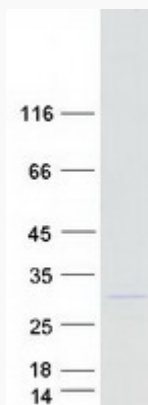
GENE INFORMATION

Gene Name	AMELY amelogenin Y-linked [Homo sapiens (human)]
Official Symbol	AMELY
Synonyms	Amelogenin (Y chromosome); Amelogenin; Amelogenin Y isoform; Amelogenin Y linked; AMELY; AMELY_HUMAN; AMGL; AMGY; Y isoform; AMELY
Gene ID	266
mRNA Refseq	NM_001143
Protein Refseq	NP_001134
MIM	410000
UniProt ID	Q99218

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SDS-PAGE

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