

Recombinant Human AMELY, GST-tagged

Cat. No. AMELY-9613H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AMELY protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	17-192a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	AMELY amelogenin, Y-linked [Homo sapiens]
Official Symbol	AMELY

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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_001143.1
Protein Refseq	NP_001134.1
MIM	410000
UniProt ID	Q99218
Chromosome Location	Yp11.2
Function	structural constituent of tooth enamel

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA