

Recombinant Human ENAM protein, GST-tagged

Cat. No. ENAM-43H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ENAM(1043 a.a. - 1141 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1043-1141 a.a.
Description	Dental enamel forms the outer cap of teeth and is the hardest substance found in vertebrates. This gene encodes the largest protein in the enamel matrix of developing teeth. The protein is involved in the mineralization and structural organization of enamel. Defects in this gene result in amelogenesis imperfect type 1C.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	36.63 kDa
AA Sequence	ERQQQRPSNILHLPCFGSKLAKHHSSTTGTPSSDGRQSPFDGDSITPTENPNTLVEL ATEEQFKSINVDPLDADEHSPFEFLQRGTNVQDQVQDCLLLQ
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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

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

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name ENAM enamel [Homo sapiens]

Official Symbol ENAM

Synonyms ENAM; enamel; AIH2, amelogenesis imperfecta 2, hypocalcification (autosomal dominant); amelogenesis imperfecta 2, hypocalcification (autosomal dominant); ADAI; AI1C; AIH2;

Gene ID 10117

mRNA Refseq NM_031889

Protein Refseq NP_114095

MIM 606585

UniProt ID Q9NRM1

Chromosome Location 4q13.3

Function structural constituent of tooth enamel;

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