

Recombinant Full Length Human AMBN Protein, GST-tagged

Cat. No. AMBN-1016HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AMBN full-length ORF (NP_057603.1, 1 a.a. - 447 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	447 amino acids
Description	This gene encodes the nonamelogenin enamel matrix protein ameloblastin. The encoded protein may be important in enamel matrix formation and mineralization. This gene is located in the calcium-binding phosphoprotein gene cluster on chromosome 4. Mutations in this gene may be associated with dentinogenesis imperfect and autosomal dominant amylogenesis imperfect. [provided by RefSeq, Aug 2011]
Molecular Mass	74.7 kDa
AA Sequence	MSASKIPLFK MKDLILILCL LEMSFAVPFF PQQSGTPGMA SLSLETMRQL GSLQRLNTLS QYSRYGFGKS FNSLWMHGLL PPHSSLPWMR PREHETQQYE YSLPVHPPPL PSQPSLKPQQ PGLKPFLQSA AATTNQATAL KEALQPPIHL GHLPLQEGEL PLVQQQVAPS DKPPKPELPG VDFADPQGGS LPGMDFPDPQ GPSLPLGLDFA DPQGSTIFQI ARLISHGPMP QNKQSPLYPG MLYVPFGANQ LNAPARLGIM SSEEVAGGRE DPMAYGAMFP GFGGMRPGFE GMPHNPAMGG DFTLEFDSPV AATKGPENEE GGAQGSPMPE ANPDNLENPA FLTELEPAPH

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AGLLALPKDD IPGLPRSPSG KMKGLPSVTP AAADPLMTPE LADVITYDA
DMTTSVDFQE EATMDTTMAP NSLQTSMPGN KAQEPEMMHD AWHFQEP

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

Storage

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

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[AMBN ameloblastin \(enamel matrix protein\) \[Homo sapiens \]](#)

Official Symbol

[AMBN](#)

Synonyms

AMBN; ameloblastin (enamel matrix protein); ameloblastin, enamel matrix protein;
ameloblastin

Gene ID

[258](#)

mRNA Refseq

[NM_016519](#)

Protein Refseq

[NP_057603](#)

MIM

[601259](#)

UniProt ID

[Q9NP70](#)

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