

Recombinant Human AMBN protein, GST-tagged

Cat. No. AMBN-7443H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AMBN protein(286-335 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	286-335 aa
Tag	N-GST
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence R P G F E G M P H N P A M G G D F T L E F D S P V A A T K G P E N E E G G A Q G S P M P E A N P D N

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](#)

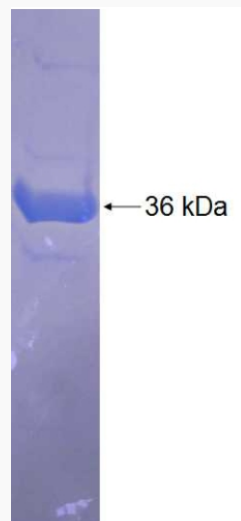
MIM [601259](#)

UniProt ID [Q9NP70](#)

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SDS-PAGE

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