

Recombinant Human AMBN Protein (27-447 aa), His-tagged

Cat. No. AMBN-1855H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AMBN Protein (27-447 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Full Length of Mature Protein.
Species	Human
Source	Yeast
ProteinLength	27-447 aa
Description	Involved in the mineralization and structural organization of enamel.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	47.3 kDa
AA Sequence	VPFFPQQSGTPGMASLSLETMRQLGSLQRLNTLSQYSRYGFGKSFNSLWMHGLLP PHSSLPWMRPREHETQQYEYSLPVHPPPLPSQPSLKPQQPGLKPFLQSAAATTNQ ATALKEALQPPIHLGHLPLQEGELPLVQQQVAPSDKPPKPELPGVDFADPQGPSLP GMDFPDPQGPSLPGLDFADPQGSTIFQIARLISHGMPQNKQSPLYPGMLYVPFGA NQLNAPARLGIMSSEEVAGGREDPMAYGAMFPGFGGMRPGFEGMPHNPAMGGDF TLEFDSPVAATKGPENEEGGAQGSPMPEANPDNLENPAFLTELEPAPHAGLLALPK DDIPGLPRSPSGKMKGLPSVTPAAADPLMTPELADVYRTYDADMTTSVDFQEEATM DTTMAPNSLQTSMPGNKAQEPEMMHDAWHFQEP

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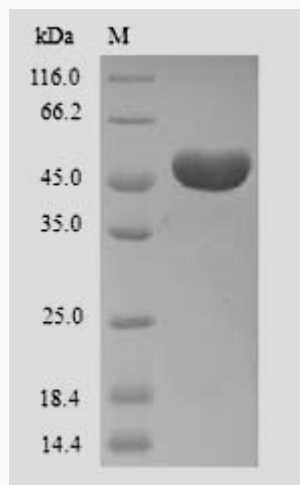
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.
GENE INFORMATION	
Gene Name	AMBN ameloblastin (enamel matrix protein) [Homo sapiens]
Official Symbol	AMBN
Synonyms	AMBN; 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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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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