

Recombinant Human AMBN Protein, His-tagged

Cat. No. AMBN-1022H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AMBN Protein is produced in mammalian expression system and the target gene encoding Val27-Pro447 is expressed with a 6His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	27-447 a.a.
Form	Liquid
AA sequence	VPFFPQQSGT PGMASLSLET MRQLGSLQRL NTLSQYSRYG FGKSFNSLWM HGLLPPhSSL PWMRPREHET QQYEYSLPVH PPPLPSQPSL KPQQPGLKPF LQSAAATTNQ ATALKEALQP PIHLGHLPLQ EGELPLVQQQ VAPSDKPPKP ELPGVDFADP QGPSLPGMDF PDPQGPSLPG LDFADPQGST IFQIARLISH GPMPQNKQSP LYPGMLYVPF GANQLNAPAR LGIMSSEEVA GGREDPMAYG AMFPGFGGMR PGFEGMPHNP AMGGDFTLEF DSPVAATKGP ENEEGGAQGS PMPEANPDNL ENPAFLTELE PAPHAGLPAL PKDDIPGLPR SPSGKMKGLP SVTPAAADPL MTPELADVYR TYDADMTTSV DFQEEATMDT TMAPNSLQTS MPGNKAQEPE MMHDAWHFQE PVDHHHHHH
Endotoxin	Less than 0.1 ng/g (1 IEU/g) as determined by LAL test.

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Purity	>95% as determined by reducing SDS-PAGE.
Storage	Lyophilized protein should be stored at -20 centigrade, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8 centigrade for 2-7 days. Aliquots of reconstituted samples are stable at -20 centigrade for 3 months
Storage buffer	20mM PB, 150mM NaCl, pH 7.4
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS.

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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