

Product datasheet for **TP701086**

AMBN (NM_016519) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human ameloblastin (enamel matrix protein) (AMBN), Val27-end, with C-terminal His tag, secretory expressed in HEK293 cells, 50ug
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	A DNA sequence from TrueORF clone, RC221219, encoding the region Val27-end of AMBN
Tag:	C-HIS
Predicted MW:	46.6kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	PBS, pH 7.4, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_057603
Locus ID:	258
UniProt ID:	Q9NP70 , Q546D7
RefSeq Size:	2025
Cytogenetics:	4q13.3
RefSeq ORF:	1341
Synonyms:	A11F



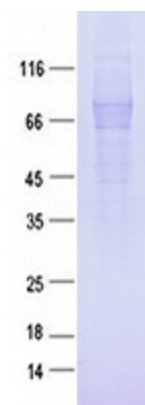
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Summary:

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]

Protein Families:

Secreted Protein

Product images:

Purified recombinant protein AMBN was analyzed by SDS-PAGE gel and Coomassie Blue Staining.