

Datasheet for ABIN7318150

AMBN Protein (His tag)



[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	AMBN
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AMBN protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Ameloblastin/AMBN Protein (His Tag)
Sequence:	Val27-Pro447
Characteristics:	Recombinant Human Ameloblastin is produced by our Mammalian expression system and the target gene encoding Val27-Pro447 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	AMBN
Alternative Name:	Ameloblastin/AMBN (AMBN Products)
Background:	Background: Ameloblastin (AMBN) is a member of the Ameloblastin family. AMBN is a secreted protein and is specially expressed in ameloblast, localizing to the Tomes processes of secretory ameloblasts and in the sheath space between rod-interrod enamel Mutations of this protein

Target Details

	may be associated with dentinogenesis imperfect and autosomal dominant amylogenesis imperfect. Ameloblastin may play an important role in the formation and mineralization of the enamel matrix. Biochemically, it is classified as an intrinsically disordered protein (IDP). Its biological role remains largely unknown. Synonym: Ameloblastin, AMBN
Molecular Weight:	46.4 kDa
UniProt:	Q9NP70

Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.