9051 Mira Mesa Blvd, #910094
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AMTN Human

Amelotin Human Recombinant
RCP0048

Product Overview

Name	AMTN Human
Description	
Amelotin Human Recombinant	
Accession (Primary)	Q6UX39
Synonyms	
UNQ689, Amelotin, PRO1329.	
Introduction	
AMTN is a member of the amelotin family. AMTN is a lately discovered secreted enamel protein. AMTN mainly expressed during the maturation stage of enamel formation. AMTN gathers in a basal lamina-like structure at the interface between ameloblasts and enamel mineral and it co-localizes with one more lately described enamel protein, odontogenic ameloblast- related protein (ODAM(.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
AMTN protein solution (0.5mg/ml) contains mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 20% glycerol and 2mM DTT.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS LPQLKPA LGLPPTKLAP DQGTLPNQQQ SNQVFPSLSL IPLTQMLTLG PDLHLLNPAA GMTPGTQTHP LTLGGLNVQQ QLHPHVLPIF VTQLGAQGTI LSSEELPQIF TSLIIHSLFP GGILPTSQAG ANPDVQDGSL PAGGAGVNPA TQGTPAGRLP TPSGTDDDFA VTTPAGIQRS THAIEEATTE SANGIQ.	
Precautions	

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AMTN Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q6UX39)