

32-3182: AMTN Recombinant Protein

Alternative Name : UNQ689,Amelotin,PRO1329.

Description

Source : Escherichia Coli. AMTN Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 216 amino acids (17-209 a.a.) and having a molecular mass of 22.2kDa.AMTN is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	AMTN protein solution (0.5mg/ml) contains mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 20% glycerol and 2mM DTT.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSLPQLKPA LGLPPTKLAP DQGTLPNQQQ SNQVFPSLSL IPLTQMLTLG PDLHLLNPAA GMTPTGTQTHP LTLGGLNVQQ QLHPHVLPIF VTQLGAQGTI LSSEELPQIF TSLIHSFLFP GGILPTSQAG ANPDVQDGS L PAGGAGVNPA TQGTPAGRLP TPSGTDDDFV VTTPAGIQRS THAIEEATTE SANGIQ.

