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32-7717: Recombinant Human Ameloblastin/AMBN (C-6His)

Gene : AMBN
Gene ID : 258
Uniprot ID : Q9NP70

Description

Source: Human Cells.
MW :46.4kD.
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. 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 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.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	VPFFPQQSGTPGMASLSLETMRQLGSLQRLNTLSQYSRYGFGKSFNSLWMHGLLPPHSSLPWMRPREHETQQ YEYSLPVHPPPLPSQPSLKPQQPGLKPFLQSAAATTNQATALKEALQPPIHLGHLPLQEGELPLVQQQVAPSDKP PKPELPGVDFADPQGPSLPGMDFPDPQGPSLPGLDFADPQGSTIFQIARLISHGPMPQNKQSPLYPGMLYVPFG ANQLNAPARLGIMSSEEVAGGREDPMAYGAMFPGFGGMRPGFEGMPHNPAMGGDFTLEFDSPVAATKGPEN EEGGAQGSPMPEANPDNLENPAFLTELEPAPHAGLPALPKDDIPGLPRSPSGKMKGLPSVTPAAADPLMTPELA DVYRTYDADMTTSVDFQEEATMDTTMAPNSLQTSMPGNKAQEPEMMHDAWHFQEPVDHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 Ã‚Âµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/Ã‚Âµg (1 IEU/Ã‚Âµg) as determined by LAL test.