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Recombinant Mouse Exostosin-Like 2/EXTL2 Protein(N-6His)

产品货号: TP05263

第三版

别名:Exostosin-like 2; Extl2; Alpha-1;4-N-acetylhexosaminyltransferase EXTL2; Alpha-GalNAcT EXTL2; EXT-related protein 2; Glucuronyl-galactosyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase

描述:Exostosin-like 2 (EXTL2) is a member of the exostosin (EXT)-related family which contains five members: EXT1, EXT2, EXTL1, EXTL2, and EXTL3. Studies have shown that EXT gene family members have the activities of heparan sulfate-synthesizing glycosyltransferases. EXT1 and EXT2, which have been identified as causal genes for hereditary multiple exostoses, have HS-GlcAT-II and GlcNAcT-II activities. EXTL1 has GlcNAcT-II activity and EXTL3 has GlcNAcT-I and -II activities. EXTL2 has GlcNAcT-I and N-acetylgalactosaminyltransferase activities, and transfers a GlcNAc residue to the tetrasaccharide linkage region when this region is phosphorylated by a xylose kinase 1 (FAM20B) and thereby terminate chain elongation. In mice, lack of EXTL2 causes glycosaminoglycan (GAG) overproduction and structural changes of GAGs associated with pathological processes.

配方:PBS

分子量:33.6 kDa

序列:Asn43-Met330

纯度:> 95% by HPLC

浓度:

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.