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Recombinant Human Polypeptide GalNAc Transferase 3/GALNT3 Protein(C-6His)

产品货号: TP05907

第三版

**别名:** Polypeptide N-acetylgalactosaminyltransferase 3; Polypeptide GalNAc transferase 3; GalNAc-T3; pp-GaNTase 3; Protein-UDP acetylgalactosaminyltransferase 3; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 3; HFTC; HHS

**描述:** Polypeptide N-acetylgalactosaminyltransferase 3 (GALNT3) belongs to the glycosyltransferase 2 family and galNAc-T subfamily. It expressed in organs that contain secretory epithelial glands and it highly expressed in pancreas, skin, kidney and testis. There are two conserved domains in the glycosyltransferase region: the N-terminal domain (domain A, also called GT1 motif), which is probably involved in manganese coordination and substrate binding and the C-terminal domain (domain B, also called Gal/GalNAc-T motif), which is probably involved in catalytic reaction and UDP-Gal binding. This protein plays a major role in regulating phosphate levels within the body (phosphate homeostasis). Among its many functions, phosphate plays a critical role in the formation and growth of bones in childhood and helps maintain bone strength in adults.

**配方:** PBS

**分子量:** 69.1 kDa

**序列:** Gln38-Asp633

**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.