

## 32-5093: Recombinant Human Transmembrane Emp24-Like Trafficking Protein 10

**Alternative Name :** Transmembrane Emp24-Like Trafficking Protein 10 (Yeast), Transmembrane Emp24 Domain-Containing Protein 10, 21 kDa Transmembrane Trafficking Protein, P24 Family Protein Delta-1, p24delta1, Transmembrane Protein Tmp21, S31III125, TMP21, Tmp-21-I, p23.

### Description

Source : Escherichia Coli. TMED10 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 177 amino acids (32-185) and having a molecular mass of 20.0kDa. TMED10 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. TMED10, which has a GOLD domain, belongs to the EMP24/GP25L/p24 family. TMED10, a type I membrane protein is restricted to the plasma membrane and golgi cisternae and takes part in vesicular protein transferring. Additionally, TMED10 is a fragment of the heteromeric secretase complex and controls the complex's gamma- secretase activity without influencing its epsilon-secretase activity. Alterations in TMED10 are linked to early-onset familial Alzheimer's disease. TMED10 has a pseudogene on chromosome 8.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 85% as determined by SDS-PAGE.  
**Content :** The TMED10 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 30% glycerol.  
**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 SSSLVPRGSH MGSISFHLPI NSRKCLREEI HKDLLVTGAY EISDQSGGAG GLRSHLKITD SAGHILYSKE DATKGKFAFT TEDYDMFEVC FESKGTGRIP DQLVILDMKH GVEAKNYEEI AKVEKLPLE VELRRLEDLS ESIVNDFAYM KKREEEMRDT NESTNTR

