
Product Data Sheet

Product Name: TMED10 Human
 Cat. No.: GP24847
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	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.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSISFHLPI NSRKCLREEI HKDLLVTGAY EISDQSGGAG GLRSHLKITD SAGHILYSKE DATKGKFAFT TEDYDMFEVC FESKGTGRIP DQLVILDMKH GVEAKNYEEI AKVEKLPLE VELRRLEDLS ESIVNDFAYM KKREEEMRDT NESTNTR		
Formulation	The TMED10 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 30% glycerol.		

Introduction

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.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks.

Background

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

Caution: Product has not been fully validated for medical applications. For research use only.

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20.0kDa.

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