9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

TMED10 Human

Transmembrane Emp24-Like Trafficking Protein 10 Human Recombinant
RCP2389

Product Overview

Name	TMED10 Human
Description	
Transmembrane Emp24-Like Trafficking Protein 10 Human Recombinant	
Accession (Primary)	P49755
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.	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
The TMED10 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 30% glycerol.	
Stability	
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.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS ISFHLPI NSRKCLREEI HKDLLVTGAY EISDQSGGAG GLRSHLKITD SAGHILYSKE DATKGKFAFT TEDYDMFEVC FESKGTGRIP DQLVILDMKH GVEAKNYEEI AKVEKLKPLE	

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VELRRLEDLS ESIVNDFAYM KKREEEMRDT NESTNTR

Precautions

TMED10 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P49755)