

Product datasheet for **AR51077PU-N**

TMED10 / TMP21 (32-185, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	TMED10 / TMP21 (32-185, His-tag) human protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSISFHLPI NSRKCLREEI HKDLLVTGAY EISDQSGGAG GLRSHLKITD SAGHILYSKE DATKGKFAFT TEDYDMFEVC FESKGTGRIP DQLVILDMKH GVEAKNYEEI AKVEKLPLE VELRRLEDLS ESIVNDFAYM KKREEEMRDT NESTNTR
Tag:	His-tag
Predicted MW:	20 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol.
Preparation:	Liquid purified protein
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_006818
Locus ID:	10972
UniProt ID:	P49755 , A0A024R6I3
Cytogenetics:	14q24.3
Synonyms:	p23; P24(DELTA); p24d1; S31I125; S31III125; Tmp-21-l; TMP21



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Summary:

This gene is a member of the EMP24/GP25L/p24 family and encodes a protein with a GOLD domain. This type I membrane protein is localized to the plasma membrane and golgi cisternae and is involved in vesicular protein trafficking. The protein is also a member of a heteromeric secretase complex and regulates the complex's gamma-secretase activity without affecting its epsilon-secretase activity. Mutations in this gene have been associated with early-onset familial Alzheimer's disease. This gene has a pseudogene on chromosome 8. [provided by RefSeq, Jul 2008]

Protein Families:

Transmembrane

Product images: