

Product datasheet for **AR50936PU-N**

TOMM20 (25-145, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	TOMM20 (25-145, His-tag) human protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSDRKRRSD PNFKNRLRER RKKQKLAKER AGLSKLPDLK DAEAVQKFFL EEIQLGEELL AQGEYEKGV D HLTNAIAVCG QPQQLLQVLQ QTLPPPVFQM LLTKLPTISQ RIVSAQSLAE DDVE
Tag:	His-tag
Predicted MW:	16.2 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 20% glycerol, 2 mM DTT
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_055580
Locus ID:	9804
UniProt ID:	Q15388 , A0A024R3W2
Cytogenetics:	1q42.3
Synonyms:	MAS20; MOM19; TOM20



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Summary:

Central component of the receptor complex responsible for the recognition and translocation of cytosolically synthesized mitochondrial preproteins. Together with TOM22 functions as the transit peptide receptor at the surface of the mitochondrion outer membrane and facilitates the movement of preproteins into the TOM40 translocation pore (By similarity). Required for the translocation across the mitochondrial outer membrane of cytochrome P450 monooxygenases.[UniProtKB/Swiss-Prot Function]

Protein Families:

Druggable Genome, Transmembrane

Product images: