

Product datasheet for **AR50179PU-N**

MVD (1-400, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	MVD (1-400, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MASEKPLAAV TCTAPVNIIV IKYWGKRDEE LVLPINSSLS VTLHQDQLKT TTTAVISKDF TEDRIWLNDR EEDVGQRLQ ACLREIRCLA RKRRNSRDGD PLPSSLSCKV HVASVNNFPT AAGLASSAAG YACLAYTLAR VYGVESDLS VARRGSGSAC RSLYGGFVEW QMGEQADGKD SIARQVAPES HWPELRLVIL VVSAEKKLTG STVGMRASVE TSPLLRFAE SVVPARMAEM ARCIRERDFP SFAQLTMKDS NQFHATCLDT FPPISYLNAI SWRIIHLVHR FNAHHGDTKV AYTFDAGPNA VIFLDDTVA EFVAAVWHGF PPGSNGDTFL KGLQVRPAPL SAELQAALAM EPTPGGVKYI IVTQVGPQPQ ILDDPCAHLL GPDGLPKPAA
Tag:	His-tag
Predicted MW:	45.6 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 20% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human MVD protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
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_002452
Locus ID:	4597
UniProt ID:	P53602
Cytogenetics:	16q24.2



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Synonyms: FP17780; MDDase; MPD; POROK7

Summary: The enzyme mevalonate pyrophosphate decarboxylase catalyzes the conversion of mevalonate pyrophosphate into isopentenyl pyrophosphate in one of the early steps in cholesterol biosynthesis. It decarboxylates and dehydrates its substrate while hydrolyzing ATP. [provided by RefSeq, Jul 2008]

Protein Pathways: Metabolic pathways, Terpenoid backbone biosynthesis

Product images:

