

Mevalonate Decarboxylase Human Recombinant

Item Number	rAP-0966
Synonyms	Diphosphomevalonate decarboxylase, Mevalonate (diphospho)decarboxylase, MDDase, Mevalonate pyrophosphate decarboxylase, MVD, MPD, FP17780.
Description	MVD Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 420 amino acids (1-400) and having a molecular mass of 45.6kDa.MVD is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P53602
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MASEKPLAAV TCTAPVNIIV IKYWGKRDEE LVLPINSSLS VTLHQDQLKT TTTAVISKDF TEDRIWLNGR EEDVGQPLQ ACLREIRCLA RKRRNSRDGD PLPSSLCKV HVASVNNFPT AAGLASSAAG YACLAYTLAR VYGVESDLSE VARRGSGSAC RSLYGGFVEW QMGEQADGKD SIARQVAPES HWPELRVLIL VVSAEKKLTG STVGMRASVE TSPLLRFRAE SVVPARMAEM ARCIRERDFP SFAQLTMKDS NQFHATCLDT FPPISYLNAI SWRIIHLVHR
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The MVD solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol and 1mM DTT. Greater than 85% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**