

Human MVD Recombinant Protein



RPPB1988

Product Information Protein Information

Product SKU:

RPPB1988

Accession:

P53602

Host:

E.coli.

Protein 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.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Diphosphomevalonate decarboxylase, Mevalonate (diphospho)decarboxylase, MDDase, Mevalonate pyrophosphate decarboxylase, MVD, MPD, FP17780.

Formulation:

The MVD solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol and 1mM DTT.

Purity:

Greater than 85% as determined by SDS-PAGE.

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.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MASEKPLAAV TCTAPVNIIV IKYWGKRDEE LVLPINSSLS VTLHQDQLKT
TTTAVISKDF TEDRIWLNGR EEDVGQRLQ ACLREIRCLA RKRRNSRDGD PLPSSLCKV HVASVNNFPT
AAGLASSAAG YACLAYTLAR VYGVESDLSE VARRGSGSAC RSLYGGFVEW QMGEQADGKD SIARQVAPES
HWPELRVLIL VVSAEKKLTG STVGMRASVE TSPLLRFAE SVVPARMAEM ARCIRERDFP SFAQLTMKDS
NQFHATCLDT FPPISYLNAI SWRIIHLVHR FNAHHGDTKV AYTFDAGPNA VIFTLDDTVA EFVAAVWHGF
PPGNGDTFL KGLQVRPAPL SAELQAALAM EPTPGGVKYI IVTQVGPQPQ ILDDPCAHL GPDGLPKPAA.