Human UMPS Recombinant Protein

RPPB2405

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Product Information

Product SKU:
RPPB2405

Accession:
P11172

Host:
Sf9, Baculovirus cells.

Protein Information

Protein description:
UMPS Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 486 amino acids (1-480 a.a.) and having a molecular mass of 53kDa (Molecular size on SDS-PAGE will appear at approximately 50-70kDa). UMPS is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:
Sterile Filtered clear solution.

Synonyms:
Uridine Monophosphate Synthetase, UMP Synthase, Orotate Phosphoribosyl Transferase And Orotidine-5-Decarboxylase, Orotidine 5-Phosphate Decarboxylase, Orotate Phosphoribosyltransferase, Uridine 5-Monophosphate Synthase, OMPdecase, OPRTase, OPRT, Uridine 5'-monophosphate synthase, UMP synthase, Orotate phosphoribosyltransferase, Orotidine 5'-phosphate decarboxylase, ODC.

Formulation:
UMPS protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4).

Purity:
Greater than 95.0% 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:
MAVARAALGP LVTGLYDVQA FKFGDFVLKS GLSSPIYIDL RGIVSRPRLL SQVADILFQT AQNAGISFDT VCGVPYTALP LATVICSTNQ IPMLIRRKET KDYGTKRLVE GTINPGETCL IIEDVVTSGS SVLETVEVLQ KEGLKVTDAI VLLDREQGGK DKLQAHGIRL HSVCTLSKML EILEQQKKVD AETVGRVKRF IQENVFVAAN HNGSPLSIKE APKELSFGAR AELPRIHPVA SKLLRLMQKK ETNLCLSADV SLARELLQLA DALGPSICML KTHVDILNDF TLDVMKELIT LAKCHEFLIF EDRKFADIGN TVKKQYEGGI FKIASWADLV NAHVVPGSGV VKGLQEVGLP LHRGCLLIAE MSSTGSLATG DYTRAAVRMA EEHSEFVVGF ISGSRVSMKP EFLHLTPGVQ LEAGGDNLGQ QYNSPQEVIG KRGSDIIIVG RGIISAADRL EAAEMYRKAA WEAYLSRLGV HHHHHH.