

RPPB5829

Product Information Protein Information

Product SKU:

RPPB5829

Accession:

P11172

Host:

Escherichia Coli.

Protein description:

UMPS Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 500 amino acids (1-480 a.a) and having a molecular mass of 54.3kDa.UMPS is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

OPRT, Uridine 5'-monophosphate synthase, UMP synthase, Orotate phosphoribosyltransferase , OPRT, OPRTase, Orotidine 5'-phosphate decarboxylase , ODC, OMPdecase.

Formulation:

The UMPS solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2M Urea and 20% glycerol.

Purity:

Greater than 90.0% 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:

MGSSHHHHHH SSGLVPRGSH MAVARAALGP LVTGLYDVQA FKFGDFVLKS GLSSPIYIDL RGIVSRPRL
SQVADILFQT AQNAGISFDT VCGVPYTALP LATVICSTNQ IPMLIRRKET KDYGTKRLVE GTINPGETCL
IIEDVVTS GS SVLETVEVLQ KEGLKVTD AI VLLDREQGGK DKLQAHGIRL HSVCTLSKML EILEQQKKVD
AETVGRVKRF IQENVFVAAN HNGSPLSIKE APKELSFGAR AELPRIHPVA SKLLRLMQKK ETNLCLSADV
SLARELLQLA DALGPSICML KTHVDILNDF TLDVMKELIT LAKCHEFLIF EDRKFADIGN TVKKQYEGGI
FKIASWADLV NAHVVPGSV VKGLQEVGLP LHRGCLLIE MSSTGSLATG DYTRAAVRMA EEHSEFVVG
ISGSRVSMKP EFLHLTPGVQ LEAGGDNLGQ QYNPQEVIG KRGSIIIVG RGIISAADRL EAAEMYRKAA
WEAYLSRLGV.