

## Uridine Monophosphate Synthetase Human Recombinant, Sf9

<b>Item Number</b>	rAP-1855
<b>Synonyms</b>	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
<b>Description</b>	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-
<b>Uniprot Accession Number</b>	P11172
<b>Amino Acid Sequence</b>	MAVARAALGP LVTGLYDVQA FKFGDFVLKS GLSSPIYIDL RGIVSRPRLI SQVADILFQT AQNAGISFDT VCGVPYTALP LATVICSTNQ IPMLIRRKET KDYGTKRLVE GTINPGETCL IIEDVVTSGS SVLETVEVLQ KEGLKVTDAL VLLDREQGK DKLQAHGIRL HSVCTLSKML EILEQQKKVD AETVGRVKRF IQEN-VFVAAN HNGSPLSIKE APKELSFGAR AELPRIHPVA SKLLRLMQKK ETNLCLSADV SLARELLQLA DAL-GPSICML KTHVDILNDF TLDVMKELIT LAKCHEFLIF EDRKFADIGN TVKKQYEGGI FKIASWADLV NAHVVPGSV VKGLQEVGLP LHRGCLLIAE MSSTGSLATG DYTRAAVRMA EEHSEFVVG F ISGS-RVSMKP EFLHLTPGVQ LEAGGDNLGQ QYNSPQEVIG KRGSIIIIVG RGIISAADRL EAAEMYRCAA WEAYLSRLGV HHHHHH.
<b>Source</b>	Sf9, Baculovirus cells.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear 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.
<b>Formulation and Purity</b>	UMPS protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4). Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**