

Uridine Monophosphate Synthetase Recombinant Protein | UMPS recombinant protein

Recombinant Uridine Monophosphate Synthetase (UMPS)

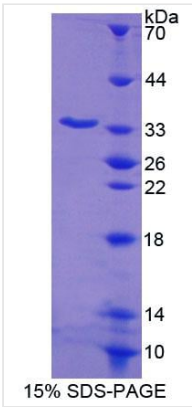
CATALOG # AAA145427	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Uridine Monophosphate Synthetase; Recombinant Uridine Monophosphate Synthetase (UMPS); OPRT; Orotate Phosphoribosyl Transferase; Orotidine-5'-Decarboxylase; Orotate phosphoribosyltransferase; Orotidine 5'-phosphate decarboxylase; UMPS recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 95%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 300ug/mL (varies by lot)
Applicable Applications for UMPS recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Val205~Val480
Tags	N-terminal His Tag
Subcellular Location	Nucleus, Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	6.5
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



VFVAAN HNGSPLSIKE APKELSFGAR AELPRIHPVA SKLLRLMQKK
ETNLCLSADV SLARELLQLA DALGPSICML KTHVDILNDF TLDVMKELIT
LAKCHEFLIF EDKRFADIGN TVKKQYEGGI FKIASHADLV NAHVVPQSGV
VKGLQEVGLP LHRGCLLIAE MSSTGSLATG DYTRAAVRMA EEHSEFVVGF
ISGSRVSMKP EFLHLTPGVQ LEAGGDNLGQ QYNSPQEVIG KRGSDDIIIVG
RGIISAADRL EAAEHYRKAA WEAYLSRLGV

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	13960142
NCBI GeneID	7372
Molecular Weight	Predicted Molecular Mass: 33.7kDa Accurate Molecular Mass: 34kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	Uridine monophosphate synthetase
NCBI Official Synonym Full Names	uridine monophosphate synthetase
NCBI Official Symbol	UMPS
NCBI Official Synonym Symbols	OPRT
NCBI Protein Information	uridine 5'-monophosphate synthase
UniProt Protein Name	Uridine 5'-monophosphate synthase
UniProt Gene Name	UMPS
UniProt Synonym Gene Names	UMP synthase; OPRT; OPRTase; ODC
UniProt Entry Name	UMPS_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/umps-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/145427>