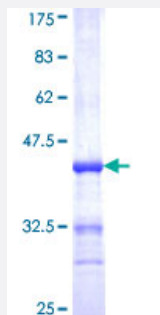


UMPS (Human) Recombinant Protein (Q01)

Catalog # H00007372-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human UMPS partial ORF (NP_000364, 381 a.a. - 479 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	DYTRAAVRMAEEHSEFVVGFIGSRVSMKPEFLHLTPGVQLEAGGDNLGQQYNPQEVIGKRGS DIIIVGRGIISAADRLEAAEMYRKAWEAYLSRLG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — UMPS

Entrez GeneID	7372
GeneBank Accession#	NM_000373
Protein Accession#	NP_000364
Gene Name	UMPS
Gene Alias	OPRT
Gene Description	uridine monophosphate synthetase
Omim ID	258900
Gene Ontology	Hyperlink
Other Designations	OMPdecase OPRtase UMP synthase protate phosphoribosyl transferase and orotidine-5'-decarb oxylase protate phosphoribosyltransferase phosphoribosyltransferase orotidine 5'-phosphate dec arboxylase uridine monophosphate synthase

Pathway

- [Drug metabolism - other enzymes](#)
- [Metabolic pathways](#)
- [Pyrimidine metabolism](#)

Disease

- [Adenocarcinoma](#)
- [Carcinoma](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Neutropenia](#)
- [Stomach Neoplasms](#)