

Recombinant Human Uridine Phosphorylase 1 protein ab172847

Description

Product name	Recombinant Human Uridine Phosphorylase 1 protein
Purity	> 95 % SDS-PAGE. ab172847 is greater than 95% pure, as determined by SEC-HPLC and reducing SDS-PAGE. It is supplied as an 0.2 µM filtered solution.
Endotoxin level	< 1.000 Eu/µg
Expression system	Escherichia coli
Accession	<u>Q86Y75</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MQRKLVTSLEPGTVVITEQAVDTCFKAEFEQVLGKRVIR KTDL NKKLVQELLCSAELSEFTTVVGNTMCTLDFYEGQGRLD GALCSYTEKDK QAYLEAAYAAGVRNI EMESSVFAAMCSACGLQAAVVCVTLLNRLEGDQISSPRN VLSEYQQRQR LVSYFIKKKLSKA
Predicted molecular weight	21 kDa including tags
Amino acids	1 to 173
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab172847** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
	HPLC
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped on Dry Ice. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.24% Tris, 1.17% Sodium chloride, 0.02% DTT

General Info

Function

Catalyzes the reversible phosphorylytic cleavage of uridine and deoxyuridine to uracil and ribose- or deoxyribose-1-phosphate. The produced molecules are then utilized as carbon and energy sources or in the rescue of pyrimidine bases for nucleotide synthesis.

Pathway

Pyrimidine metabolism; UMP biosynthesis via salvage pathway; uracil from uridine (phosphorylase route): step 1/1.

Sequence similarities

Belongs to the PNP/UDP phosphorylase family.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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- We investigate all quality concerns to ensure our products perform to the highest standards

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