

## Recombinant Rat Dut protein, His-tagged

DUT-1979R Rat

Lot. No. (See product label)

### Specification

<b>Product Overview</b>	Recombinant Rat Dut fused with His tag was expressed in HEK293.
<b>Description</b>	Dut played an important role in many functions.
<b>Source</b>	HEK293
<b>Species</b>	Rat
<b>Tag</b>	His
<b>Form</b>	PBS buffer, pH 7.4.
<b>Molecular Mass</b>	(Theoretical molecular weight) ~19 kDa
<b>Endotoxin</b>	<0.1EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	>90% determined by SDS-PAGE
<b>Storage</b>	Please prepare aliquots and store at -20 ~ -80 centigrade. Avoid freeze/thaw cycles.
<b>Concentration</b>	0.3mg/mL

### Gene Information

<b>Gene Name</b>	<a href="#">Dut deoxyuridine triphosphatase [ Rattus norvegicus ]</a>
<b>Official Symbol</b>	<a href="#">Dut</a>
<b>Synonyms</b>	DUT; deoxyuridine triphosphatase; deoxyuridine 5-triphosphate nucleotidohydrolase; dUTPase; dUTP pyrophosphatase; PPAR-interacting protein 4; Dutp; PIP4;
<b>Gene ID</b>	<a href="#">497778</a>
<b>mRNA Refseq</b>	<a href="#">NM_001040271</a>
<b>Protein Refseq</b>	<a href="#">NP_001035361</a>
<b>MIM</b>	
<b>UniProt ID</b>	<a href="#">P70583</a>
<b>Chromosome Location</b>	3q36
<b>Pathway</b>	Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of nucleotides, organism-specific biosystem; Pyrimidine biosynthesis, organism-specific biosystem; Pyrimidine metabolism, organism-specific biosystem; Pyrimidine metabolism,

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45-1 Ramsey Road, Shirley, NY 11967, USA

Tel: +1-631-559-9269 Fax: +1-631-938-8127

E-mail: [info@creative-biomart.com](mailto:info@creative-biomart.com)

[www.creativebiomart.net](http://www.creativebiomart.net)

organism-specific biosystem; Pyrimidine metabolism, conserved biosystem;

**Function**

dUTP diphosphatase activity; dUTP diphosphatase activity; hydrolase activity; metal ion binding;  
peroxisome proliferator activated receptor binding; pyrimidine deoxyribonucleotide binding;  
receptor inhibitor activity;

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