

Recombinant Rat Dut protein, His-tagged

Cat. No. DUT-1979R Lot. No. (See product label)

SPECIFICATION

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

GENE INFORMATION

Gene Name	Dut deoxyuridine triphosphatase [Rattus norvegicus]
Official Symbol	Dut

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Synonyms	DUT; deoxyuridine triphosphatase; deoxyuridine 5-triphosphate nucleotidohydrolase; dUTPase; dUTP pyrophosphatase; PPAR-interacting protein 4; Dutp; PIP4;
Gene ID	497778
mRNA Refseq	NM_001040271
Protein Refseq	NP_001035361
MIM	
UniProt ID	P70583
Chromosome Location	3q36
Pathway	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, 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;