

Recombinant Canis lupus DUT protein, His-tagged

Cat. No. DUT-12C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Canis lupus DUT fused with His tag was expressed in E. coli.
Species	Canis lupus
Source	E.coli
Form	20 mM Tris-HCl, 0.15 M NaCl, pH 8.0
Molecular Mass	~18.136 kDa
AA Sequence	MGHHHHHHTPAISPSKRARPAEDGMRLRFVRLSEHATAPTKGSPRAAGYDLYSAY DYILPPMEKAIVKTDIQVALPSGCYGRVAPRSGLAAKHFIDVGAGVIDEDYRGNVGVV LFNFGKEKFEVKKGDRIAQLICERIFYPEIEEVQVLDDTERGSGGFGSTGKN
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	>95% by SDS-PAGE

GENE INFORMATION

Gene Name	DUT deoxyuridine triphosphatase [Canis lupus familiaris]
Official Symbol	DUT
Synonyms	deoxyuridine 5'-triphosphate nucleotidohydrolase, mitochondrial; dUTP

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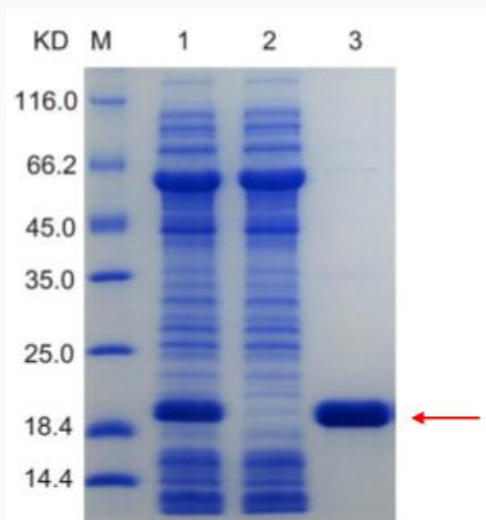
 45-1 Ramsey Road, Shirley, NY 11967, USA

pyrophosphatase

Gene ID 609526

Chromosome Location chromosome: 30

Pathway Metabolic pathways, organism-specific biosystem; Pyrimidine metabolism, organism-specific biosystem; Pyrimidine metabolism, conserved biosystem



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