

Product datasheet

Recombinant Human dUTPase protein ab99388

1 Image

Description

Product name	Recombinant Human dUTPase protein	
Purity	> 90 % SDS-PAGE. ab99388 is purified using conventional chromatography techniques.	
Expression system	Escherichia coli	
Accession	P33316	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	<p>MGSSHHHHHSSGLVPRGSHMASTVGAAGWKGELPKA GGSPAPGPETPAI SPSKRARPAEVGGMQLRFARLSEHATAPTRGSARAAGY DLYSAYDYTIPT MEKAVVKTDIQIALPSGCYGRVAPRSLAAKHFIDVGAGVI DEDYRGNVG VVLFNFGKEKFEVKKGDRIAQLICERIFYPEIEEVQALDDTE RGSGGFSG TGKN</p>	
Predicted molecular weight	22 kDa including tags	
Amino acids	70 to 252	
Tags	His tag N-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab99388** 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 Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid

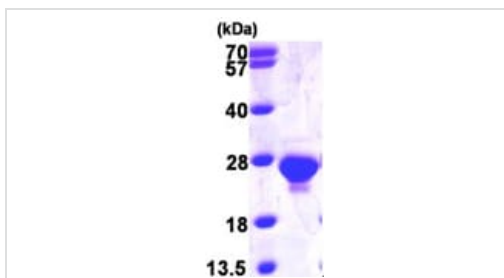
Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 8.00 Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.58% Sodium chloride
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General Info

Function	This enzyme is involved in nucleotide metabolism: it produces dUMP, the immediate precursor of thymidine nucleotides and it decreases the intracellular concentration of dUTP so that uracil cannot be incorporated into DNA.
Tissue specificity	Found in a variety of tissues.
Pathway	Pyrimidine metabolism; dUMP biosynthesis; dUMP from dCTP (dUTP route): step 2/2.
Sequence similarities	Belongs to the dUTPase family.
Post-translational modifications	Phosphorylation in mature T-cells occur in a cell cycle-dependent manner.
Cellular localization	Mitochondrion and Nucleus.

Images



15% SDS-PAGE analysis of 3µg ab99388.

SDS-PAGE - Recombinant Human dUTPase protein
(ab99388)

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

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