

Active Recombinant Yeast FCY1 Protein, His-tagged

Cat. No. FCY1-4055Y **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Yeast FCY1 (NP_015387.1, 1 a.a - 158 a.a.) full length recombinant protein with His tag expressed in Escherichia coli.
Species	Yeast
Source	E.coli
ProteinLength	1-158 a.a.
Description	Most abundant in testis, slightly less abundant in skeletal muscle and heart, followed by prostate, thymus, ovary, small intestine, and colon. Not detected in the peripheral blood leukocytes.
Form	Liquid
Bio-activity	1U FCY1 converts > 80% of 10 mg cytosine to uracil at 37 centigrade in 90 minutes.
Molecular Mass	77.5 kDa
Purity	> 90% as determined by SDS-PAGE stained with Coomassie Blue
Applications	Functional Study SDS-PAGE
Storage	Store at -20 centigrade. Aliquot to avoid repeated freezing and thawing.

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Concentration	2 U/μL
Storage Buffer	In 20 mM Tris-HCl, 500 mM NaCl, pH8.0 (10% Glycerol)
Full Length	Full L.

GENE INFORMATION

Gene Name	FCY1 cytosine deaminase [<i>Saccharomyces cerevisiae</i> S288C]
Official Symbol	FCY1
Synonyms	FCY1; cytosine deaminase
Gene ID	856175
mRNA Refseq	NM_001184159
Protein Refseq	NP_015387

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