



S. cerevisiae JHD1 peptide (DAG-P0683)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Saccharomyces cerevisiae is a species of yeast. It is perhaps the most useful yeast, having been instrumental to winemaking, baking, and brewing since ancient times. It is believed that it was originally isolated from the skin of grapes (one can see the yeast as a component of the thin white film on the skins of some dark-color fruits such as plums; it exists among the waxes of the cuticle). It is one of the most intensively studied eukaryotic model organisms in molecular and cell biology, much like Escherichia coli as the model bacterium. It is the microorganism behind the most common type of fermentation. S. cerevisiae cells are round to ovoid, 5–10 micrometres in diameter. It reproduces by a division process known as budding.
Conjugate	Unconjugated
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	JHD1 Jhd1p [Saccharomyces cerevisiae S288c]
Synonyms	Jhd1p;
Entrez Gene ID	856777
mRNA Refseq	NM_001178942.1
Protein Refseq	NP_010971.1
UniProt ID	P40034

Chromosome Location	chromosome: V
Function	dioxygenase activity; histone demethylase activity (H3-K36 specific); histone demethylase activity (H3-K36 specific); histone demethylase activity (H3-K36 specific); metal ion binding; methylated histone residue binding; oxidoreductase activity; zinc ion