

Y3-Ag 1.2.3 | 305207

General Information

Description	Y3-Ag 1.2.3 is a recombinant protein expressed in <i>S. cerevisiae</i> strain S210. It is a 123 kDa protein with 8 transmembrane domains and a hydrophobic tail (HAT). It is used for the study of the Y3-Ag123 complex.
Organism	<i>Saccharomyces cerevisiae</i>
Tissue	Yeast, <i>S. cerevisiae</i>
Disease	Yeast, <i>S. cerevisiae</i>
Synonyms	Y3.AG.1.2.3, Y3-Ag1.2.3, Y3-Ag1,2,3, Y3Ag1.2.3, Y-3-Ag 1.2.3, 210-RC Y3-Ag 1,2,3, 210RCY3-Ag1.2.3, 210RCY3-Ag123, Y3-Ag123, Y3, Y3M

Strain Information

Breed/Subspecies	LOU/C
Morphology	Yeast
Growth properties	Yeast

Identification

Citation	Y3-Ag 1.2.3 (Y3-Ag 1.2.3 Cytion 305207)
Biosafety level	1
NCBI_TaxID	10116
CellosaurusAccession	CVCL_4342

Protein Information

Protein expression	Yeast
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References

Product sheet

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Culture Medium DMEM, w: 4.5 g/L $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$, w: 4 mM L- Asn , w: 3.7 g/L NaHCO_3 , w: 1.0 mM β - ME (Cytion 820300a)

Supplements 10% FBS

Subculturing 1:5

Fluid renewal 2-3 times

Freeze medium DMEM, w: 4.5 g/L $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$, w: 4 mM L- Asn , w: 3.7 g/L NaHCO_3 , w: 1.0 mM β - ME (Cytion 820300a) + 10% DMSO

Thawing and Culturing Cells

1. Thaw cells in a water bath at 37°C. Transfer cells to a pre-warmed medium.
2. Centrifuge cells at 300 x g for 3 minutes. Resuspend cells in fresh medium.
3. Seed cells into a 37°C incubator.
4. Seed cells into a 70% confluent flask.
5. Seed cells into a 15 cm² flask.
6. Seed cells into a 300 x g flask.
7. Seed cells into a 10 cm² flask.
8. Seed cells into a 75 cm² flask.

Incubation Atmosphere 37°C, 5% CO_2

Flask Coating Yes

Freezing Procedure 10% FBS

Shipping Conditions -78°C

