

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 N-glycosylation sites. It is a member of the Y3-Ag family of proteins.
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 production

Protein expression	Yeast
---------------------------	-------

References

Product sheet

Y3-Ag 1.2.3 | 305207

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 $\text{Na}_2\text{S}_2\text{O}_8$ (Cytion 820300a)

Supplements 10% FBS

Subculturing 1:5

Split ratio 1×10^5 to 1×10^6 cells/mL

Fluid renewal 2-3 times

Freeze medium FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a water bath at 37°C.
 2. Centrifuge cells at 300 x g for 3 minutes.
 3. Wash cells with PBS.
 4. Resuspend cells in 70% FBS.
 5. Seed cells into a 15 cm² flask.
 6. Incubate cells at 37°C, 5% CO₂.
 7. Monitor cell growth.
 8. Harvest cells when they reach 70-80% confluency.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating Poly-L-lysine

Freezing Procedure -78°C

Product sheet

Y3-Ag 1.2.3 | 305207

Shipping Conditions -78°C

Storage Conditions -150 °C 196

/ HLA

Sterility