# Recovery of Raw Egg from Boiled Egg by CHAPERONE

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#### **Recovery by CHAPERONE**

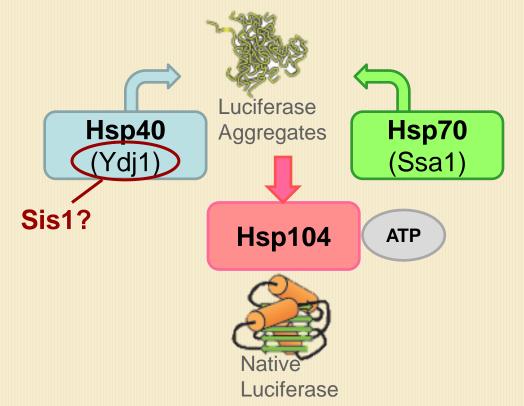
# Chaperone

#### What do you know about chaperones?



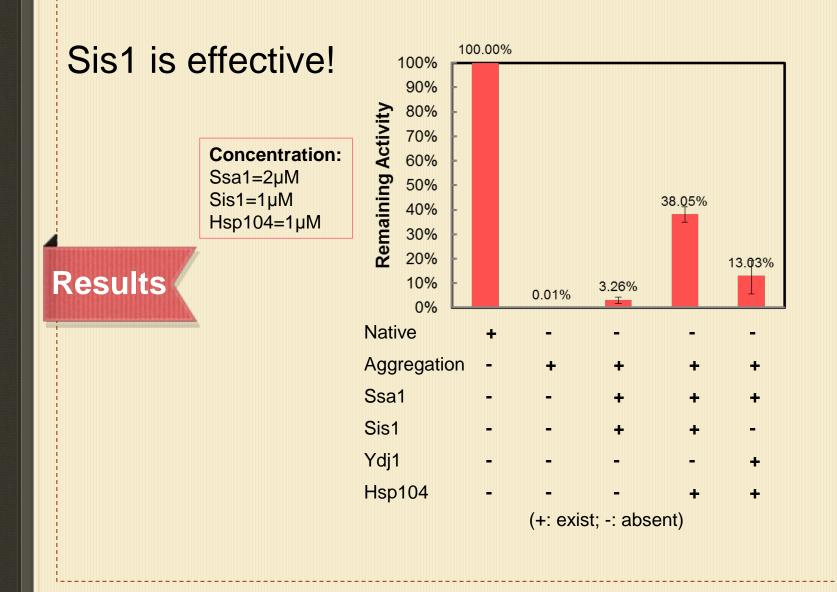
- Nickname: Heat Shock Protein
- Chaperones can:
- Promote protein folding
- Prevent the accumulation of aggregated proteins
- Help the denatured protein refold
  Different chaperone families with cooperation with each other

#### "Hsp40/70/104" Disaggregation System

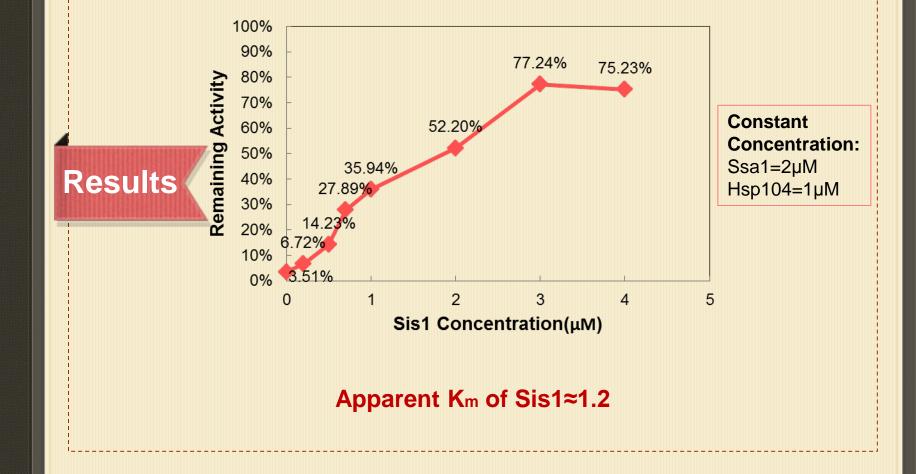


#### System:

- Hsp70/40 bind first to prevent the accumulation of large-size aggregates and recruit Hsp104
- Hsp104 bind later to reactivate the substrates



Sis1's affinity



## Life in Tokyo

Thank you, Taguchi Sensei and cute lab members loving Campus Asia friends and teachers! I had a sweet time in Tokyo because of you!



## THANK YOU!

