



Human SRP54 [His] (DAG4863)

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

PRODUCT INFORMATION

Species	Human
Purity	>80% as determined by SDS-PAGE
Conjugate	His
Applications	WB
Molecular Weight	57 kDa
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Size	50 µg
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	SRP54 is a 54-kDa subunit of the signal recognition particle (SRP), a cytoplasmic ribonucleoprotein complex that directs the translocation of newly synthesized secretory proteins from the polysome to the endoplasmic reticulum. SRP is composed of six polypeptides and a tRNA-like molecule known as 7SL RNA. The SRP54 subunit is a GTP-binding protein and directly binds the signal sequences of nascent secretory and membrane proteins.
Keywords	Signal recognition particle; Ribonucleoprotein; SRP