



Human TIF1 gamma [His] (DAG4865)

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	124 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	Transcription intermediary factor 1 gamma (TIF1 gamma), also known as TRIM33, Ret-fused gene 7, PTC 7 and ectodermin, is a nuclear protein and involved in controlling DNA transcription. Also, the protein has been shown to work as a ubiquitin-ligase for Smad4, which plays an important role in TGF-β signalling. TIF1 gamma monoubiquitinates Smad4, which induces inactivation of Smad4 and suppresses TGF-β signalling. This regulation promotes cell growth and differentiation, including the growth of malignant tumors.
Keywords	TIF1-γ; Cancer; Transcription intermediary factor 1-gamma