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## Product Data Sheet

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Product Name: TRIM21 Human Biotin  
 Cat. No.: GP24881  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Sf9 insect cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	52 kDa Ro protein; Sjogren syndrome type A antigen; SS-A; Ro(SS-A); 52 kDa ribonucleoprotein autoantigen Ro/SS-A; Tripartite motif-containing protein 21; RING finger protein 81; TRIM21; RNF81; RO52; SSA1; SSA; RO-52.		
Formulation	TRIM21 solution is supplied in 20mM HEPES pH-7.6, 0.01mM EDTA and 0.02% SDS.		

### Introduction

TRIM21 is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The 52 kDa Ro protein is part of the RoSSA ribonucleoprotein, which includes a single polypeptide and one of four small RNA molecules. The RoSSA particle localizes to both the cytoplasm and the nucleus. Ro/SSA interacts with autoantigens in patients with Sjogren syndrome and systemic lupus erythematosus. Ribonucleoprotein particle is composed of a single polypeptide and one of four small RNA molecules. The RoSSA is present in all mammalian cells studied but has no known function. At least 2 isoforms are present in nucleated and red blood cells, and tissue specific differences in Ro/SSA proteins were identified.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

### Background

TRIM21 Human Recombinant, Biotin produced in SF9 is a glycosylated, polypeptide chain having a calculated molecular mass of 52kDa. TRIM21 is expressed with a -6x His tag at

**Caution: Product has not been fully validated for medical applications. For research use only.**

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N-terminus and purified by proprietary chromatographic techniques.

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