

## 32-5127: Recombinant Human Tripartite Motif Containing 21 (RO52)

**Alternative Name :** 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.

### Description

Source : Sf9 insect cells. TRIM21 Human Recombinant produced in SF9 is a glycosylated, polypeptide chain having a calculated molecular mass of 54,922 Dalton. TRIM21 is expressed with a -6x His tag at N-terminus and purified by proprietary chromatographic techniques. 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.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 90% as determined by SDS-PAGE.  
**Content :** TRIM21 is supplied in 20mM HEPES pH-7.5, 0.01mM EDTA and 0.02% SDS.  
**Storage condition :** 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.

