
Product Data Sheet

Product Name: TROVE2 Human, His Biotin
Cat. No.: GP24897
Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	60 kDa SS-A/Ro ribonucleoprotein; 60 kDa ribonucleoprotein Ro; RoRNP; 60 kDa Ro protein; Ro 60 kDa autoantigen; TROVE domain family member 2; Sjogren syndrome type A antigen; SS-A; Sjogren syndrome antigen A2; TROVE2; RO60; SSA2; RO-60.		
Formulation	The protein solution contains 6M Urea, 500mM NaCl, 500mM Imidazole and 10mM Tris pH-6.		

Introduction

Ro 60 kDa autoantigen is an RNA-binding protein that binds to several small cytoplasmic RNA molecules known as Y RNAs. SSA2 may stabilize these RNAs from degradation. Sera taken from patients with Systemic Lupus Erythematosus (SLE) often contains antibodies that react with the normal cellular SSA2 protein as if this antigen was foreign.

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

TROVE2 Human Recombinant Biotin produced in E.Coli is a single, non-glycosylated, polypeptide chain having a molecular mass of 60kDa. The TROVE2 is expressed with a 6xHis tag at N-terminus and purified by proprietary chromatographic techniques.

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

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