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**Product Data Sheet**

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Product Name: TROVE2 Human  
Cat. No.: GP24896  
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**

RO-60 although stable at 4°C for 3 weeks, should be stored below -18°C . Please prevent freeze-thaw cycles.

**Background**

RO-60 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain having a molecular mass of 60kDa. RO60 is fused to a 6 amino acid His-Tag at C-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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