

Native Cattle RO60 Protein

Cat. No. RO60-18C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TROVE2 is purified from bovine tissues by protein-chemical methods.
Species	Bovine
Source	Bovine tissues
Description	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.
Molecular Mass	TROVE2 is a natural protein having a molecular mass of 60 kDa.
Purity	Greater than 95 % as determined by SDS-PAGE.
Applications	Western blot with SLE sera (secondary Sjogren's syndrome).
Notes	Our products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.
Stability	Store at 4 centigrade if entire vial will be used within 2-4 weeks. Store, frozen at -20 centigrade for longer periods of time. Avoid multiple freeze-thaw cycles.

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Concentration	0.2-0.6 µg/mL (depending on the type of ELISA plate and coating buffer). Suitable for biotinylation and iodination.
Storage Buffer	20mM Tris/HCl buffer pH-7.5, 150mM NaCl, 2mM MgCl ₂ , 0.2mM DTT, 0.1mM PMSF and 20 % glycerol.
Shipping	Shipped with Ice Packs

GENE INFORMATION

Gene Name	RO60 Ro60, Y RNA binding protein [Bos taurus (cattle)]
Official Symbol	RO60
Synonyms	RO60; Ro60, Y RNA binding protein; TROVE2; RNA-binding protein RO60; TROVE domain family member 2
Gene ID	518830
mRNA Refseq	NM_001206183
Protein Refseq	NP_001193112
UniProt ID	F1MIZ7

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