

## Ro/SS-A (60 kDa; recombinant)

### Antigen Specification

**Product Number: 17400**

**Description:**

Human Ro/SS-A protein (60 kDa).  
Recombinant antigen for research use  
or manufacturing only.

**Immunological function:**

Binds IgG-type human auto-antibodies.

**Origin:**

Recombinant. Expressed in *E. coli*  
bacterial cells.

**Expression construct:**

Full-length cDNA coding for the human  
Ro/SS-A (60 kDa) fused to a hexa-  
histidine purification tag.

**Biochemical tests:**

SDS-PAGE (purity > 90%); Western  
blot with i: anti-Ro/SS-A 60 kDa  
autoantibody-positive sera; ii:  
monoclonal anti-hexa-His-tag antibody.

**Calculated molecular weight:**

61,696 Dalton

**Calculated isoelectric point:**

pH 8.3-8.6 (depending on prediction  
program).

**Immunological tests/Functionality:**

Standard ELISA test (checkerboard  
analysis of positive/negative sera  
panels); line assay and microarray test  
with positive/negative sera panels.

**Recommended buffer/storage and  
handling conditions:**

Recommendations for storage buffer:  
neutral to slightly alkaline pH. Storage  
conditions: -70°C or below. Repeated  
freeze/thaw cycles should be avoided.

**Coating concentration:**

0.2-0.5 µg/ml (depending on the type  
of ELISA plate and coating buffer).  
Suitable for labeling of functional  
groups.

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