

Ro/SS-A (60 kDa; recombinant)

Antigen Specification

Product Number: 17400

Description:

Human Ro/SS-A protein (60 kDa).
Recombinant antigen for in vitro
research and manufacturing use 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 sample; ii:
monoclonal anti-His-tag antibody.

Calculated molecular weight:

62 kDa

Calculated isoelectric point:

pH 8.3-8.6 (depending on prediction
program).

Immunological tests/Functionality:

Standard ELISA test (checkerboard
analysis of positive/negative samples);
line assay and immunodot analyses
with positive/negative samples.

**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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