

Ro/SS-A (52 kDa) biotinylated

Antigen Specification

Product Number: 20500

Description:

Human Ro/SS-A (52 kDa).
Biotinylated recombinant antigen for in vitro research and manufacturing use only.

Immunological function:

Binds IgG-type human auto-antibodies.

Origin:

Recombinant. Expressed by recombinant baculovirus (*Autographa californica* multiple nuclear polyhedrosis virus; AcMNPV) infection of *Spodoptera frugiperda* Sf9 insect cells.

Expression construct:

Full-length cDNA coding for the human Ro/SS-A (52 kDa) fused to a hexa-histidine purification tag.

Biochemical tests:

Electrophoresis (purity > 80%).

Calculated molecular weight:

55 kDa (for protein component)

Calculated isoelectric point:

pH 6.15

Immunological tests/Functionality:

Functional Streptavidin-based ELISA test (analysis of positive/negative samples).

Recommended buffer/storage and handling conditions:

Recommendations for storage buffer: neutral to slightly alkaline pH; due to purification workup under denaturing conditions presence of up to 0.02% SDS (or similar detergents) may be required for maintaining solubility. Storage conditions: -70°C or below. Repeated freeze/thaw cycles should be avoided.

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