

La/SS-B biotinylated

Antigen Specification

Product Number: 20600

Description:

Human La/SS-B. 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 La protein fused to a hexa-histidine purification tag.

Biochemical tests:

Electrophoresis (purity > 80%).

Calculated molecular weight:

48 kDa (for protein component)

Calculated isoelectric point:

pH 6.9

Immunological tests/Functionality:

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

Recommended buffer/storage and handling conditions:

Recommendations for storage buffer: ionic strength around 400 mM salt, neutral to slightly alkaline pH and 20% glycerol as cryoprotective agent. Storage conditions: -70°C or below. Repeated freeze/thaw cycles should be avoided.

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