

Ribosomal Phosphoprotein P2

Antigen Specification

Product Number: 14300

Description:

Human ribosomal phosphoprotein P2 (belongs to a group of antigens also called acidic ribosomal phosphoproteins or ribosomal P-proteins).

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 ribosomal P2 phosphoprotein fused to a hexa-histidine purification tag.

Biochemical tests:

SDS-PAGE (purity > 80%); Western blot with i: anti-P2 autoantibody-positive sample; ii: monoclonal anti-His-tag antibody.

Calculated molecular weight:

13 kDa

Calculated isoelectric point:

pH 5.0

Immunological tests/Functionality:

Immunodot analyses with positive/negative samples.

Recommended buffer/storage and handling conditions:

Recommendations for storage buffer: 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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