

DFS70

Antigen Specification

Product Number: 30300

Description:

DFS70 (Dense Fine Speckles 70 kDa), also known as lens epithelium-derived growth factor/transcription coactivator p75 (LEDGF/p75). Recombinant antigen for research use or manufacturing 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 human DFS70 protein fused to a deca-histidine purification tag.

Biochemical tests:

SDS-PAGE (purity > 80%); Western blot with i: monoclonal anti-hexa-His-tag antibody; ii: anti-DFS70 autoantibody-positive sera.

Calculated molecular weight:

61,546 Dalton

Calculated isoelectric point:

pH 9.15

Immunological tests/Functionality:

Immunodot and microarray test with positive/negative sera panels.

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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