

## 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 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 human DFS70 protein fused to a deca-histidine purification tag.

**Biochemical tests:**

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

**Calculated molecular weight:**

62 kDa

**Calculated isoelectric point:**

pH 9.15

**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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