

Nup62

Antigen Specification

Product Number: 19400

Description:

Human nucleoporin p62 (Nup62).
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
nucleoporin p62 fused to a deca-
histidine purification tag.

Biochemical tests:

SDS-PAGE (purity > 80%); Western
blot with polyclonal anti-Nup62
antibody.

Calculated molecular weight:

55 kDa

Calculated isoelectric point:

pH 5.91

Immunological tests/Functionality:

Standard ELISA test (checker-board
analysis of positive/negative samples),
immunodot analyses with
positive/negative samples.

**Recommended buffer/storage and
handling conditions:**

Recommendations for storage buffer:
neutral to slightly alkaline pH.
Storage conditions: -70°C or below.
Repeated freeze/thaw cycles should
be avoided.

Coating concentration:

0.5-1.0 µg/mL (depending on the type
of ELISA plate and coating buffer).
Suitable for labeling of functional
groups.

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