

Active Recombinant A. caninum NIF, His-tagged

Cat. No. NIF-157A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant A. caninum NIF (Accession # AAA27789) Asn18-Leu274, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	A.caninum
Source	Mammalian Cells
ProteinLength	18-274 a.a.
Predicted N Terminal	Asn18
Form	Lyophilized from a 0.2 µ filtered solution in PBS, NaCl, and DTT.
Bio-activity	Measured by its ability to inhibit the adhesion of PMA-activated human neutrophils.The ED50 for this effect is typically 0.1-0.4 µg/mL.Also measured by its ability to bind Recombinant Human Integrin alpha M beta 2 in a functional ELISA.
Molecular Mass	Recombinant A. caninum NIF, His-tagged has a calculated MW of 30 kDa. In SDS-PAGE migrates as 55-65 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA