

Nucleoprotein (N Protein) of Rabies Virus

CATALOG NUMBER: RA-NP-005P, 50 µg

Introduction	<p>Rabies lyssavirus (genus of the Rhabdoviridae family), formerly Rabies virus, is a neurotropic virus that causes rabies in humans and animals. Rabies virus is a rod- or bullet-shaped, single-stranded, negative-sense, unsegmented, enveloped RNA virus.</p> <p>The rabies genome encodes five proteins: nucleoprotein (N), phosphoprotein (P), matrix protein (M), glycoprotein (G) and polymerase (L). It has two major structural components: a helical ribonucleoprotein core (RNP) and a surrounding lipoprotein envelope embedded with knob-like Glycoprotein (G) spikes.</p>
Applications	Western blot standard, antibody ELISA, antigen, etc.
Description	6xHis tagged recombinant protein expressed in <i>E. coli</i> .
Viral Protein	C-terminal 6xHis tagged N protein (amino acid 1-450) of Rabies virus (GenBank Accession No. ABI47937)
Storage	This product will expire after one year when kept at -20°C; Stable for 1-months from the date of shipment when kept at 4 °C. Non-hazardous. No MSDS required.
Concentration	1 µg/µl in PBS with 8M Urea
Purity	≥ 90% purity



SDS-PAGE: purified Nucleoprotein of Rabies virus

Nucleoprotein of Rabies Virus:

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MDTDKIVFKVNNQVVSLKPEIIVDQYEEKYPAIKDLKKPSISLGKAPDLNKAYKSILSGMNAAKLDPDDVCSYLAAAMQFFEGTC
PEDWTSYGILIAARKGDKITPNSLVDIKRTDVEGNWALTGGMELTRDPTIPEHASLVGLLLSLYRLSKISGQNTGNYKTNISDRIE
QIFETAPFVKIVEHHTLMTTHKMCANWSTIPNFRFLAGTYDMFFSRIEHLYSAIRVGTVVVTAYEDCSGLVSFTGFQIKQINLTAK
AIIYFFHKNFEGEIRRMFEPGQETAVPHSYFIHFRSLGLSGKSPYSSSAVGHVFNLIHFVGCYMGQVRSLNATVIATCAPHEMSV
LGGYLGEFFGKGTFFERRFRNEKELQDYEAELTKTEVALADDGTVNSDDEDYFSGETRSPEAVYTRIMINGGRLKRSHIRRYV
SVSSNHQARPNNSFAEFLNKTYSNDPHHHHHH
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