

Recombinant Rabies Virus Glycoprotein, C-6×His tagged

Cat. No. Glycoprotein-42R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	C-terminal 6×His tagged glycoprotein (amino acid 20-458) of Rabies virus (GenBank Accession No. BAI50726)
Species	Rabies Virus
Source	E.coli
Description	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. 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.
AA Sequence	KFPIYTIPDKLGPWSPIDIHHLSCPNNLVVEDEGCTNLSGFSYMELKVGYISAIKVNGF TCTGVVTEAETYTNFVG YVTTTFKRKHFRMPDACRAAYNWKMAGDPRIEESLHN PYPDYHWLRTVKTTKESLVIISPSVADLDPYDKSLHSRVFPGGKCSGITVSSTCCSTN HDYTIWMPENPRLGTSCDIFTNSRGKRASKGGKTCGFVDERGLYKSLKGACKLKLK GVLGLRLMDGTWVAIQTSDEIKWCSPDQLVNLHDFHSDEIEHLVVEELVKKREECLD ALETIMTTKSVSFRRLSHLRKLVPGF GKAYTIFNKTLM EADAHYKSIRTWNEIIPSKGC LRVGGRCHPHVNGVFFNGIILGPDGHVLIPEMQSSLLHQHMELLESSVIPLMHPLAD PSTVFKDGD EADFVEVHLPDVHKQISGVDLGLPNWGKHHHHHH
Purity	≥ 90%

 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

Applications	Western blot standard, antibody ELISA, antigen, etc.
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Storage	This product will expire after one year when kept at -20 centigrade; Stable for 1-months from the date of shipment when kept at 4 centigrade. Non-hazardous. No MSDS required.
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Concentration	1 µg/µL in PBS with 8M Urea
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GENE INFORMATION

Official Symbol	Glycoprotein
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