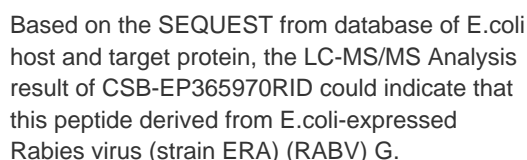
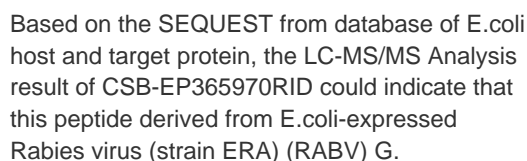




# Recombinant Rabies virus Glycoprotein (G), partial

<b>Product Code</b>	CSB-EP365970RID
<b>Relevance</b>	Attaches the virus to host cellular receptor, inducing endocytosis of the virion. In the endosome, the acidic pH induces conformational changes in the glycoprotein trimer, which trigger fusion between virus and cell mbrane. There is convincing in vitro evidence that the muscular form of the nicotinic acetylcholine receptor (nAChR), the neuronal cell adhesion molecule (NCAM), and the p75 neurotrophin receptor (p75NTR) bind glycoprotein and thereby facilitate rabies virus entry into cells.
<b>Abbreviation</b>	Recombinant Rabies virus Glycoprotein, partial
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P03524
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rabies virus (strain PM) (RABV)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	KFPIYTILDKLGPWSPIDIHHLSCPNNLVVEDEGCTNLSGFSYMELKVGYILAIAK MNGFTCTGVVTEAETYTNFVGYYTTTTFKRKHFRTPDACRAAYNWKMAGDP RYEESLHNPYPDYRWLRTVKTTKESLVIISPSVADLPYDRSLHSRVFPSPGKCS GVAVSSTYCTNHDIWMPENPRLGMSCDIFTNSRGKRASKGSETCGFVDE RGLYKSLKGACKLKLGGVLGLRLMDGTWVAMQTSNETKWCPPDQLVNLHDF RSDEIEHLVVEELVRKREECLDALESIMTTKSVSFRRLSHLRKLVPGFGKAYTIF NKTLM EADAHYKSVRTWNEILPSKGCLRVGGRCHPHVNGVFFNGIILGPDGNV LIPEMQSSLLQQHMELLESSVIPLVHPLADPSTVFKDGD EADFVEVHL PDVHN QVSGVDLGLPNWGKY
<b>Source</b>	E.coli
<b>Target Names</b>	G
<b>Expression Region</b>	20-459aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-SUMO-tagged
<b>Mol. Weight</b>	65.5kDa
<b>Protein Length</b>	Partial
<b>Image</b>	



Our Recombinant Rabies Virus Glycoprotein is a superior quality replication of the Glycoprotein from the Rabies virus (strain ERA). This protein, produced by the 'G' gene, plays a key role in the virus's life cycle, including viral entry and immune evasion. Our recombinant version is produced in E.coli and represents a partial sequence from the 20th to the 459th amino acid, making it a reliable choice for your related research endeavors.

Emphasizing quality and practicality, our Recombinant Rabies Virus Glycoprotein is N-terminal 6xHis-SUMO-tagged, allowing for an efficient purification and detection process. Rigorous testing has confirmed a purity level of over 90% as determined by SDS-PAGE. To cater to a variety of research needs, our product is available as a liquid or as a lyophilized powder, providing flexibility for your specific requirements.

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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