

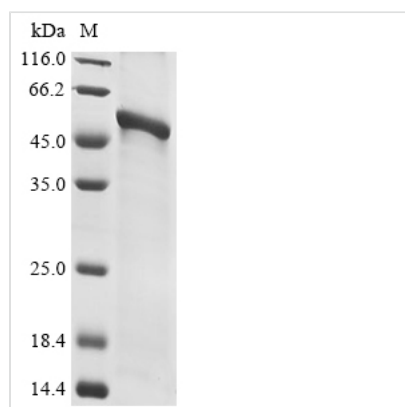


# Recombinant Rabies virus Glycoprotein (G), partial

<b>Product Code</b>	CSB-EP325676RAF
<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 membrane. 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 (By similarity).
<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>	P19462
<b>Storage Buffer</b>	Tris-based buffer,50% glycerol
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Rabies virus (strain HEP-Flury) (RABV)
<b>Purity</b>	≥ 85% as determined by SDS-PAGE.
<b>Sequence</b>	KFPIYTIPDKLGPWSPIDLHHLSCPNNLVVEDEGCTNLSGFSYMEKLVGYISAIK VNGFTCTGVVTEAETYTNFVGIVTTTTFKRKHFRPTPDACRAAYNWKMAGDPR YEESLHNPYPDYHWRVTKTTKESLVIISPSVTDLPYDKSLHSRVFPGGNC GITVSSTYCSNHDYTIWMPENLRGLTSCDIFTHSRGKRASKGDKTCGFVDER GLYKSLKGACKLKLKCGVLGLRLMDGTWVAMQTSDETKWCPPGQLVNLHDFR SDEIEHLVEEELVKKREECLDALESIMTTKSVFRRLSHLRKLVPGFGKAYTIFN KTLMEADAHYKSVQWNEIIPSKGCLRVGERCHPHVNGVFFNGIILGSDGHVLI PEMQSSLLQQHMELLESSVIPLMHPLADPSTVFKDGDEVEDFVEVHLPDVHKQ VSGVDLGLPKWGKY
<b>Research Area</b>	Signal Transduction
<b>Source</b>	E.coli
<b>Target Names</b>	G
<b>Protein Names</b>	Recommended name: Glycoprotein 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-tagged
<b>Mol. Weight</b>	55.5 kDa
<b>Protein Length</b>	Partial



## Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## Shelf Life

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