

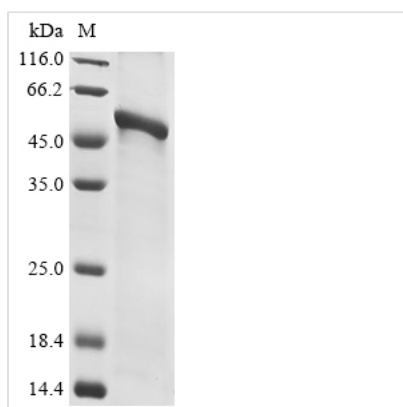


Recombinant Rabies virus Glycoprotein (G), partial

Product Code	CSB-EP325676RAF
Relevance	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).
Abbreviation	Recombinant Rabies virus Glycoprotein, partial
Storage	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.
Uniprot No.	P19462
Storage Buffer	Tris-based buffer, 50% glycerol
Product Type	Recombinant Proteins
Immunogen Species	Rabies virus (strain HEP-Flury) (RABV)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	KFPIYTIPDKLGPWSPIDLHHLSCPNNLVVEDEGCTNLSGFSYMELKVGYISAIK VNGFTCTGVVTEAETYTNFVGIVTTTFKRKHFRPTPDACRAAYNWKMAGDPR YEESLHNPYPDYHWLRTVKTTKESLVIISPSVTDLPYDKSLHSRVFPGGNCS GITVSSTYCSTNHDYTIWMPENLRLGTSCDIFTHSRGKRASKGDKTCGFVDER GLYKSLKGACKLKLCGVLGLRLMDGTWVAMQTSDETKWCPPGQLVNLHDFR SDEIEHLVEEELVKKREECLDALESIMTTKSVSFRRLSHLRKLVPGFGKAYTIFN KTLMEADAHYKSVQTWNEIIPSKGCLRVGERCHPHVNGVFFNGIILGSDGHVLI PEMQSSLLQQHMELLESSVIPLMHPLADPSTVFKDGDEVEDFVEVHLPDVHKQ VSGVDLGLPKWGKY
Research Area	Signal Transduction
Source	E.coli
Target Names	G
Protein Names	Recommended name: Glycoprotein G
Expression Region	20-459aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	55.5 kDa
Protein Length	Partial



Image



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

Shelf Life

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