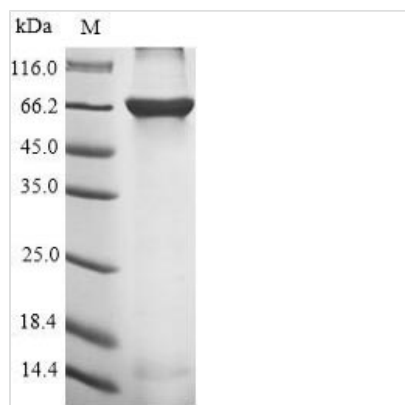


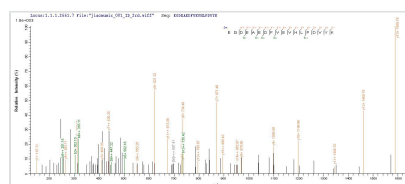


Recombinant Rabies virus Glycoprotein (G), partial

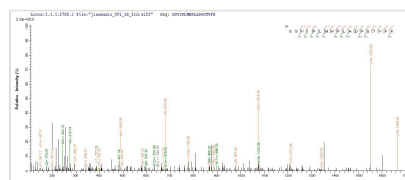
Product Code	CSB-EP526040RJA
Relevance	Attaches the virus to host cellular receptor, inducing endocytosis of the virion. In the endosome, the acidic pH induces conformational changes in the glycoprotein trimer, which trigger fusion between virus and cell membrane. There is convincing in vitro evidence 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
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.	O92284
Product Type	Recombinant Protein
Immunogen Species	Rabies virus (strain CVS-11) (RABV)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	KFPIYTIPDKLGPWSPIDIHHLSCPNNLVVEDEGCTNLSEFSYMELKVGYISAIKV NGFTCTGVVTEAETYTNFVG YVTTTFRKRKHFRTPDACRAAYNWKMAGDP EESLHNPYPDYHWLRTVTRTTKESLIISPSVTDLPYDKSLHSRVFPGGKCSGIT VSSTYCSTNHDYTIWMPENPRPRTPCDIFTNSRGKRASKGNKTCGFVDERGL YKSLKGACRLKLCGVLGLRLMDGTWVAMQTSDETKWCPPDQLVNLHDFRSD EIEHLVVEELVKKREECLDALESIMTTKSVSFRRLSHLRKLVPGFGKAYTIFNKT LMEADAHYKSVRTWNEIIPSKGCLKVGGRCHPHVNGVFFNGIILGPDGHVLIPE MQSSLLQQHMELLKSSVIPLMHPLADPSTVFKEGDEAEDFVEVHLPDVYKQIS GVDLGLPNWGKY
Source	E.coli
Target Names	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 10xHis-SUMO-tagged and C-terminal Myc-tagged
Mol. Weight	69.7kDa
Protein Length	Partial
Image	



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



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP526040RJA could indicate that this peptide derived from E.coli-expressed Rabies virus (strain CVS-11) (RABV) G.



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Reconstitution

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.

Shelf Life

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.