

Glycoprotein G (G) Recombinant Protein | RABVgp4 recombinant protein

Recombinant Rabies virus Glycoprotein G (G)

CATALOG # AAA114361	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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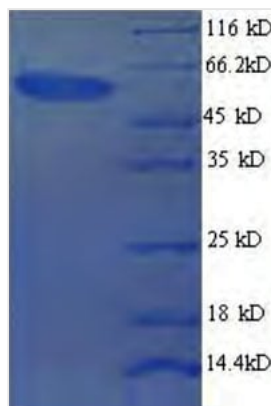
PRODUCT SYNONYMS

Glycoprotein G (G); Recombinant Rabies virus Glycoprotein G (G); Recombinant Glycoprotein G (G); Glycoprotein G; RABVgp4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	20-459. Partial, provide the Virion surface domain
Sequence	KFPIYTIPDK LGPWSPIDIH HLSCPNNLVV EDEGCTNLSG FSYMELKVG Y ISAIKMNGFT CTGVVTEAET YTNFVGYVTT TFKRKHFRPT PDACRAAYNW KMAGDPRYEE SLHNPYPDYH WLRTVKTKE SLVIISPSVA DLDPYDRSLH SRVFPGGNCS GVAVSSTYCS TNHDYTIWMP ENPRLGMSCD IFTNSRGKRA SKGSETCGFV DERGLYKSLK GACKLKLCGV LGLRLMDGTW VAMQTSNETK WCPPGQLVNL HDFSDEIEH LVVEELVKKR EECLDALES I MTTKSVSFRR LSHLRKLVP GFGKAYTIFNK TLMEADAHYK SVRTWNEIIP SKGCLRVGGR CHPHVNGVFF NGIILGPDGN VLIPEMQSSL LQQHMELLVS SVIPLMHPLA DPSTVFKNGD EAEDFVEVHL PDVHERISGV DLGLPNWGKY
Sequence Length	459
Species	Rabies virus (strain Pasteur vaccins / PV) (RABV)
Preparation and Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C. Notes: Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for RABVgp4 recombinant protein	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 G and thereby facilitate rabies virus entry into cells .
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9627201
NCBI GeneID	1489856
NCBI Accession #	NP_056796.1
NCBI GenBank Nucleotide #	NC_001542.1
UniProt Accession #	P08667
Molecular Weight	64kD
NCBI Official Full Name	transmembrane glycoprotein G
NCBI Official Symbol	RABVgp4
NCBI Protein Information	transmembrane glycoprotein G
UniProt Protein Name	Glycoprotein G
UniProt Gene Name	G
UniProt Entry Name	VGLG_RABVP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/g-recombinant-protein-e-coli/114361>