

Recombinant Rabies virus Phosphoprotein(P)

Catalog No: #AP70949

Package Size: #AP70949-1 20ug #AP70949-2 100ug #AP70949-3 1mg

Description

Product Name	Recombinant Rabies virus Phosphoprotein(P)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-297aaSequence Info:Full Length
Other Names	Protein M1
Accession No.	P69480
Calculated MW	37.2 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MSKIFVNPSAIRAGLADLEMAEETVDLINRNIEDNQAHLQGEPIEVDNLPEDMGRLHDDGKSPNPGEMAKVG EGKYREDFQMDEGEDPSFLFQSYLENVGVQIVRQMRSGERFLKIWSQTVEEIISYVAVNFPNPPGKSSDKST QTTGRELKKETTPTSQRESQSSKARMAAQTAGPPALEWSATNEKDDLSVEAEIAHQIAESFSKKYKFPSRS SGILLYNFEQLKMNLDIVKEAKNVPGVTRLAHDGSKLPLRCVLGWVALANSKKFQLLVESDKLSKIMQDDLNR YTSC
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Non catalytic polymerase cofactor and regulatory protein that plays a role in viral transcription and replication. Stabilizes the RNA polymerase L to the N-RNA tplate and binds the soluble protein N, preventing it from encapsidating non-genomic RNA. Also inhibits host IFN-alpha and IFN-beta signaling by binding and retaining phosphorylated STAT1 in the cytoplasm or by inhibiting the DNA binding of STAT1 in the nucleus. Might be involved, through interaction with host dynein, in intracellular microtubule-dependent virus transport of incoming virus from the synapse toward the cell body .

References

Nucleotide and deduced amino acid sequences of the nominal nonstructural phosphoprotein of the ERA, PM and CVS-11 strains of rabies virus.Larson J.K., Wunner W.H.Nucleic Acids Res. 18:7172-7172(1990)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.