

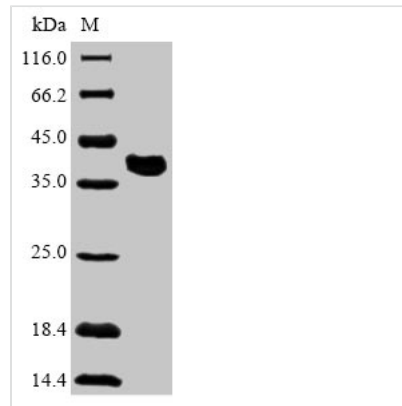


# Recombinant Zaire ebolavirus Polymerase cofactor VP35 (VP35)

<b>Product Code</b>	CSB-MP764950ZAT
<b>Relevance</b>	Acts as a polymerase cofactor in the RNA polymerase transcription and replication complex. Prevents establishment of cellular antiviral state by blocking virus-induced phosphorylation and activation of interferon regulatory factor 3 (IRF3), a transcription factor critical for the induction of interferons alpha and beta. This blockage is produced through the interaction with and inhibition host IKBKE and TBK1 producing a strong inhibition of the phosphorylation and activation of IRF3. Also inhibits the antiviral effect mediated by the interferon-induced, double-stranded RNA-activated protein kinase EIF2AK2/PKR
<b>Abbreviation</b>	Recombinant Zaire ebolavirus VP35 protein
<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>	Q6V1Q9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Zaire ebolavirus (strain Kikwit-95) (ZEBOV) (Zaire Ebola virus)
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.
<b>Sequence</b>	MTTRTKGRGHTAATTQNDRMPGPELSGWISEQLMTGRIPVSDIFCDIENNPGL CYASQMQQTKPNPKTRNSQTQTDPICNHSFEEVVQTLASLATVVQQQTIASES LEQRITSL ENGLKPVYDMAKTISSLNRVCAEMVAKYDLLVMTTGRATATAAATE AYWAEHGQPPPGPSLYEESAIRGKIESRDETVPQSVREAFNNLDSTTSLTEEN FGKPDISAKDLRNIMYDHLPGFGTAFHQLVQVICKLGKDSNSLDIIHAEFQASLA EGDSPQCALIQITKRVPFIQDAAPPVIHIRSRGDIPRACQKSLRPVPPSPKIDRG WVCFQLQDGKTLGLKI
<b>Research Area</b>	others
<b>Source</b>	Mammalian cell
<b>Target Names</b>	VP35
<b>Protein Names</b>	Recommended name: Polymerase cofactor VP35
<b>Expression Region</b>	1-340aa
<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 10xHis-tagged and C-terminal Myc-tagged
<b>Mol. Weight</b>	41.4kDa
<b>Protein Length</b>	Full Length



## Image



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

## 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

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