



Recombinant Zaire ebolavirus Polymerase cofactor VP35 (VP35)

Product Code	CSB-EP764950ZAT
Relevance	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
Abbreviation	Recombinant Zaire ebolavirus VP35 protein
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.	Q6V1Q9
Product Type	Recombinant Protein
Immunogen Species	Zaire ebolavirus (strain Kikwit-95) (ZEBOV) (Zaire Ebola virus)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	MTTRTKGRGHTAATTQNDRMPGPELSGWISEQLMTGRIPVSDIFCDIENNPGL CYASMQMQTKPNPKTRNSQTQTDPICNHSFEEVVQTLASLATVVQQQTIASES LEQRITSLENGLKPVYDMAKTISSLNRVCAEMVAKYDLLVMTTGRATATAAATE AYWAEHGQPPPGPSLYEESAIRGKIESRDETVPQSVREAFNNLDSTTSLTEEN FGKPDISAKDLRNIMYDHLPGFGTAFHQLVQVICKLGKDSNSLDIIHAEFQASLA EGDSPQCALIQITKRVPFIQDAAPPVIHIRSRGDIPRACQKSLRPVPPSPKIDRG WVCFQLQDGKTLGLKI
Research Area	others
Source	E.coli
Target Names	VP35
Protein Names	Recommended name: Polymerase cofactor VP35
Expression Region	1-340aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	42.4kDa
Protein Length	Full Length

