



# Recombinant Bovine Interferon-inducible double stranded RNA-dependent protein kinase activator A (PRKRA)

<b>Product Code</b>	CSB-MP644142BO
<b>Abbreviation</b>	PRKRA
<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>	Q2HJ92
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Bos taurus (Bovine)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSQSRHRAAA PPMEREDSGT FSLGKMITAK PGKTPIQVLH EYGMKTKNIP VYECERSDVQ IHVPTFTFRV TVGDITCTGE GTSKKLAKHR AAEEAINILK ANASICFAVP DPLMPDPSKQ PKNQLNPIGS LQELAIHHGW RLPEYTLSQE GGPAHKREYT TICRLESFME TGKGASKKQA KRNAAEKFLA KFSNISPENH ISLTNMVGHS LGCTWHSLRN SPGEKINLLK RSLLSIPNTD YIQLLSEIAK EQGFNITYLD IEELSANGQY QCLAELSTSP ITVCHGSGIS CSSAQSDAAH NALQYLKIIA ERK
<b>Source</b>	Mammalian cell
<b>Target Names</b>	PRKRA
<b>Protein Names</b>	Recommended name: Interferon-inducible double stranded RNA-dependent protein kinase activator A Alternative name(s): Protein activator of the interferon-induced protein kinase Protein kinase, interferon-inducible double stranded RNA-dependent
<b>Expression Region</b>	1-313
<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>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This gene encodes a protein kinase activated by double-stranded RNA which mediates the effects of interferon in response to viral infection. Mutations in this gene have been associated with dystonia. Alternative splicing results in multiple transcript variants.
<b>Reconstitution</b>	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.

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