



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

Product Code	CSB-EP018717HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O75569
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MSQSRHRAEA PPLEREDSGT FSLGKMITAK PGKTPIQVLH EYGMKTKNIP VYECERSDVQ IHVPTFTFRV TVGDITCTGE GTSKKLAKHR AAEAAINILK ANASICFAVP DPLMPDPSKQ PKNQLNPIGS LQELAIHHGW RLPEYTLSQE GGPAHKREYT TICRLESFME TGKGASKKQA KRNAAEKFLA KFSNISPENH ISLTNVVGHSLGCTWHSLRN SPGEKINLLK RSLLSIPNTD YIQLLSEIAK EQGFNITYLD IDELSANGQY QCLAELSTSP ITVCHGSGIS CGNAQSDAAH NALQYLKIIA ERK
Source	E.coli
Target Names	PRKRA
Protein Names	Recommended name: Interferon-inducible double stranded RNA-dependent protein kinase activator A Alternative name(s): PKR-associated protein X PKR-associated protein X Protein activator of the interferon-induced protein kinase Protein
Expression Region	1-313
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
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	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.