



Recombinant Human Interferon-induced, double-stranded RNA-activated protein kinase (EIF2AK2)

Product Code	CSB-MP007511HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P19525
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	AGDLSAGFF MEELNTYRQK QGVVLKYQEL PNSGPPHRR FTFQVIIDGR EFPEGEGRSK KEAKNAAKL AVEILNKEKK AVSPLLTTT NSSEGLSMGN YIGLINRIAQ KKRLTVNYEQ CASGVHGPPEG FHYKCKMGQK EYSIGTGSTK QEAKQLAAKL AYLQILSEET SVKSDYLSSG SFATTCESQS NSLVTSTLAS ESSEGDFA DTSEINSNSD SLNSSLMLN GLRNNQRKAK RSLAPRFDLP DMKETKYTVD KRFGMDFKEI ELIGSGGFGQ VFKAKHRIDG KTYVIKRVKY NNEKAEREVK ALAKLDHVNI VHYNGCWDGF DYDPETSDDS LESSDYDPEN SKNSSRSKTK CLFIQMEFCD KGTLEQWIEK RRGEKLDKVL ALELFEQITK GVDYIHSKLL IHRDLKPSNI FLVDTKQVKI GDFGLVTSK NDGKRTRSKG TLRYMSPEQI SSQDYGKEVD LYALGLILAE LLHVCDTAFE TSKFFDRLRD GIISDIFDKK EKTLQKLLS KKPEDRPNTS EILRTLTVWK KSPEKNERHT C
Source	Mammalian cell
Target Names	EIF2AK2
Protein Names	Recommended name: Interferon-induced, double-stranded RNA-activated protein kinase EC= 2.7.11.1 Alternative name(s): Eukaryotic translation initiation factor 2-alpha kinase 2 Short name= eIF-2A protein kinase 2 Interferon-inducib
Expression Region	2-551
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 of Mature Protein
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.