



Recombinant Mouse Interferon-induced, double-stranded RNA-activated protein kinase (Eif2ak2)

Product Code	CSB-MP007511MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q03963
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	ASDTPGFYM DKLNKYRQMH GVAITYKELS TSGPPHRRF TFQVLIDEKE FPEAKGRSKQ EARNAAKLA VDILDNENKV DCHTSASEQG LFGVNYIGLV NSFAQKKKLS VNYEQCEPNS ELPQRFICKC KIGQTMYG TG SGVTKQEAKQ LAAKEAYQKL LKSPPKTAGT SSSVVTSTFS GFSSSSSMTS NGVSQSAPGS FSENVFTNG LGENKRKSGV KVSPDDVQRN KYTLDFARNS DFEDIEEIGL GGFGQVFKAK HRIDGKRYAI KRVKYNTEKA EHEVQALAE L NHVNIVQYHS CWEGVDYDPE HSMSDTSRYK TRCLFIQMEF CDKGTLEQWM RNRNQSKV DK ALILDLYEQI VTGVEYIHSK GLIHRDLKPG NIFLVDERHI KIGDFGLATA LENDGKSRTR RTGTLQYMSP EQLFLKHYGK EVDIFALGLI LAELLHTCFT ESEKIKFFES LRKGDFSNDI FDNKEKSLK KLLSEKPKDR PETSEILKTL AEWRNISEKK KRNTC
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	2-515
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.