



Recombinant Rat Protein Red (Ik)

Product Code	CSB-EP717947RA
Abbreviation	Ik
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.	Q66HG8
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	MPERDSEPFS NPLAPDGHV DDPHSFHQSK LTNEDFRKLL MTPRAAP TSA PPSKSRHHEM PREYNEDEP AARRRKKKSY YAKLRQQEIE RERELAEKYR DRAKERRDGV NKDYEETELI STTANYRAVG PTAEADKSAA EKRRQLIQES KFLGGDMEHT HLVKGLDFAL LQKVRAEIAS KEKEEEELME KPQKETKKDE DPENKIEFKT RLGRNVYRML FKSKSYERNE LFLPGRMAYV VDLDEYADT DIPTTLIRSK ADCPTMEAQT TLTTNDIVIS KLTQILSYLR QGTRNKKLKK KDKGKLEEK PPEADMNIFE DIGDYVPSTT KTPRDKERER YRERERDRER DRDRERDRER DRERERERDR EREREEKKR HSYFEKPKVD DEPMDVDKGP GSAKELIKSI NEKFAGSAGW EGTESLKKPE DKKQLGDFFG MSNSYAECYP ATMDDMAVDS DEEVDYSKMD QGNKKGPLGR WDFDTQEEYS EYMNNKEALP KAAFQYGIKM SEGRKTRRFK ETNDKAELDR QWKKISAIIE KRKKMEADGV EVKRPKY
Source	E.coli
Target Names	Ik
Protein Names	Recommended name: Protein Red Alternative name(s): Cytokine IK IK factor
Expression Region	1-557
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 protein was identified by its RED repeat, a stretch of repeated arginine, glutamic acid and aspartic acid residues. The protein localizes to discrete dots within the nucleus, excluding the nucleolus. Its function is unknown. This gene maps to chromosome 5; however, a pseudogene may exist on chromosome 2.
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.