



Recombinant Rat Keratin, type I cytoskeletal 15 (Krt15)

Product Code	CSB-EP757093RA-B
Abbreviation	Krt15
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.	Q6IFV3
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	MATTFLQTSS TFGSGSTRGG SLRVGGGSFG GGSLYGGGGS RSISASSARF VSSGAGVGFG GGMSCGFGGG FGGGFGGGFG DFGGGDGGLL SGNEKVTMQN LNDRLASYLD KVRALEEANT ELEVKIRDWY QKQSPASPDR DYSHYFKTME EIRDKILAAT IDNSRVILEI DNARLAADDF RLKYENELAL RQGVEADING LRRVDELTL ARTDLEMQIE QLNEELAYLK KNHEEEMKEF SSQLAGQVNV EMDAAPGVDL TRMLAEMREQ YEAI AEKNRR DVEAWFFSKT EELNKEVASN TEMIQTSKTE ITDLRRTLQG LEIELQSQLS MKAGLENSLA EVECRYATQL QQIQGLITGL ETQLSELRCE MEAQNQEYNM LLDIKTRLEQ EISTYRNLE GQDAKMAAIG VREASLRGGS SGGGSNFHIS VEESVDGKVV SSRKRES
Source	E.coli
Target Names	Krt15
Protein Names	Recommended name: Keratin, type I cytoskeletal 15 Alternative name(s): Cytokeratin-15 Short name= CK-15 Keratin-15 Short name= K15 Type I keratin Ka15
Expression Region	1-447
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 is a member of the keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Most of the type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains and are clustered in a region on chromosome 17q21.2.
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

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