



Recombinant Bovine Keratin, type I cytoskeletal 28 (KRT28)

Product Code	CSB-EP614814BO
Abbreviation	KRT28
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.	Q148H6
Product Type	Recombinant Protein
Immunogen Species	Bos taurus (Bovine)
Purity	>85% (SDS-PAGE)
Sequence	MSLRFSSGSR HICLRSGTES VRPSSGGTGF AGSNVYGNSG AGCGFSYALG GGLGSLPGGD HAGGIPGSGT CVGFAGSEGG LFSGNEKVTM QNLNDRLAS LDNVRALEEA NAELERKIKS WYEKHGPSC HGLDHDYSRY HLTIEDLKNK IISSTANAN VILQIDNARL AADDFFRLKYE NELALHQNTE ADINGLRRVL DELTLCRTDQ ELQYESLSEE MTYLKKNHEE EVKALQCVAG GNVNVEMNAA PGVDLTLN NMRAEYEDLA EQNRRDAEAW FNEKSASLQQ QISDDAGAAS SARGELTEMK RTVQTLDEL QSLATKHSL ECCLMETEGN YCAQLAQIQA QIGALEEQLH QVRTETEGQK LEYEQLLDIK VHLEKEIETY CRLIDGDRNS CSKSKGFGSG SPGNSSKDLR RTTLVKTVE EIDQRGKVLV SRVQSIEEKT SKMTNGKTKQ RVPF
Source	E.coli
Target Names	KRT28
Protein Names	Recommended name: Keratin, type I cytoskeletal 28 Alternative name(s): Cytokeratin-28 Short name= CK-28 Keratin-28 Short name= K28 Type I inner root sheath-specific keratin-K25irs4
Expression Region	1-464
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 member of the type I (acidic) keratin family, which belongs to the superfamily of intermediate filament (IF) proteins. Keratins are heteropolymeric structural proteins which form the intermediate filament. These filaments, along with actin microfilaments and microtubules, compose the cytoskeleton of epithelial cells. The type I keratin genes are clustered in a region of chromosome 17q12-q21.

**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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