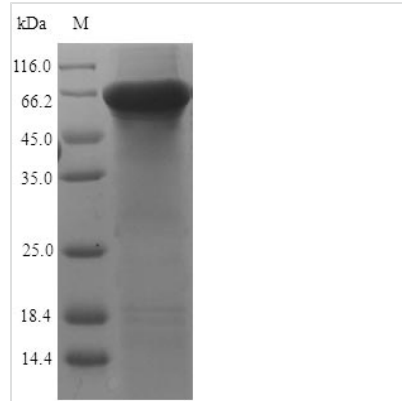




Recombinant Human Keratin, type II cytoskeletal 7 (KRT7)

Product Code	CSB-EP012564HU
Relevance	Blocks interferon-dependent interphase and stimulates DNA synthesis in cells. Involved in the translational regulation of the human papillomavirus type 16 E7 mRNA (HPV16 E7).
Abbreviation	Recombinant Human KRT7 protein
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.	P08729
Alias	Cytokeratin-7 Short name: CK-7 Keratin-7 Short name: K7 Sarcolectin Type-II keratin Kb7
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	SIHFSSPVFTSRSAAFSGRGAQVRLSSARPGGLGSSSLYGLGASRPRVAVRS AYGGPVGAGIREVTINQSL LAPRLDADPSLQVRQEESESIKTLNKFASFID KVRFLEQQNKLLETKWTL LQEQKSAKSSRLPDIFEAQIAGLRGQLEALQVDGG RLEAELRSMQDVVEDFKNKYEDEINHRTAAENEFVVLK KDVDAAAYMSKVELEA KVDALNDEINFLRTLNETELTELQSQISDTSVVL SMDNSRSLDLGIIAEVKAQY EEMAKCSRAEAEAWYQTKFETLQAQAGKHGDDL RNRNEISEMNRAIQRLQA EIDNIKNQRAKLEAAIAEAEER GELALKDARAKQEELEAALQRGKQDMARQLR EYQELMSVKLALDIEIATYRKLL EGEE SRLAGDGVGAVNISVMNSTGGSSSGG GIGLTLGGTMGSNALS FSSSAGPGLLKAYSIRTASASRRSARD
Research Area	Signal Transduction
Source	E.coli
Target Names	KRT7
Protein Names	Recommended name: Keratin, type II cytoskeletal 7 Alternative name(s): Cytokeratin-7 Short name= CK-7 Keratin-7 Short name= K7 Sarcolectin Type-II keratin Kb7
Expression Region	2-469aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	67.3kDa

**Protein Length****Full Length of Mature Protein****Image**

(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.