



Recombinant Human Keratin, type I cytoskeletal 28 (KRT28)

Product Code	CSB-MP768763HU
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.	Q7Z3Y7
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MSLQFSNGSR HVCLRSGAGS VRPLNGGAGF AGSSACGGSV AGSEFSCALG GGLGSVPGGS HAGGALGNAA CIGFAGSEGG LLSGNEKVMTM QNLNDRASY LDNVRALEEA NAELERKIKG WYKEYGPGSC RGLDHDYSRY HLTIEDLKNK IISSTTTNAN VILQIDNARL AADDLRLKYE NELTLHQNVE ADINGLRRVL DELTLCRTDQ ELQYESLSEE MTYLKKNHEE EMKALQCAAG GNVNVEMNAA PGVDLAVLLN NMRAEYEALA EQNRKDAEAW FNEKSASLQQ QISHDSGAAT FARSQLEMR RTLQTLLEIQL QSLMATKHSL ECSLTETESN YCTQLAQIQA QIGALEEQLH QVRTETEGQK LEYEHLLDVK VHLEKEIETY CRLIDGDGNS CSKSKGFGSG SPGNSSKDLS KTTLVKTVVE ELDQRGKVLS SRIHSIEEKT SKMTNGKTEQ RVPF
Source	Mammalian cell
Target Names	KRT28
Protein Names	Recommended name: Keratin, type I cytoskeletal 28 Alternative name(s): Cytokeratin-28 Short name= CK-28 Keratin-25D Short name= K25D 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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