



Recombinant Human Keratin, type I cytoskeletal 25 (KRT25)

Product Code	CSB-BP772016HU
Abbreviation	KRT25
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.	Q7Z3Z0
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MSLRLSSASR RSCPRPTTGS LRLYGGGTSF GTGNSCGISG IGSGFSSAFG GSSSGGNTGG GNPCAGFTVN ERGLLSGNEK VTMQNLNDRL ASYLDVHAL EEANADLEQK IKGWYEKFGP GSCRGLDHDY SRYFPIDDL KNQIIASTTS NANAVLQIDN ARLTADDFRL KYENELALHQ SVEADVNGLR RVLDEITLCR TDLEIQYETL SEEMTYLKKN HKEEMQVLQC AAGGNVNVEM NAAPGVDLTV LLNNMRAEYE ALAEQNRDA EAWFNEKSAS LQQQISEDVG ATTSARNELT EMKRTLQTL IELQSLATK HSLECSLTET ESNYCAQLAQ IQAQIGALEE QLHQVRTETE GQKLEYEQLL DIKLHLEKEI ETYCLLIGGD DGACKSGGYK SKDYGSGNVG SQVKDPAKAI VVKKVLEEVD QRSKILTTRL HSLEEKSSQN
Source	Baculovirus
Target Names	KRT25
Protein Names	Recommended name: Keratin, type I cytoskeletal 25 Alternative name(s): Cytokeratin-25 Short name= CK-25 Keratin-25 Short name= K25 Keratin-25A Short name= K25A Type I inner root sheath-specific keratin-K25irs1
Expression Region	1-450
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

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.