



Recombinant Human Keratin, type I cytoskeletal 24 (KRT24)

Product Code	CSB-MP646655HU
Abbreviation	KRT24
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.	Q2M2I5
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MSCSSRASSS RAGGSSSARV SAGGSSFSSG SRCGLGGSSA QGFRGGASSC SLSGGSSGAF GGSFGGGFGS CSVGGGFGGA SGSGTGFGGG SSFGGVSGFG RSGGFCGSSR FSSGATGGFY SYGGGMGGGV GDGGLFSGGE KQTMQNLNDR LANYLDKVRA LEEANTDLEN KIKEWYDKYG PGSGDGGSGR DYSKYYSIIE DLRNQIIAAT VENAGIILHI DNARLAADD FRLKYENELCL RQSVEADING LRVLDLDTM TRSDLEMQIE SFTEELAYLR KNHEEEMKNM QGSSGGEVTV EMNAAPGTDL TKLLNDMRAQ YEELAEQNR R EAEERFNKQS ASLQAQISTD AGAATSAKNE ITELKRTLQA LEIELQSQLA MKSSLEGTLA DTEAGYVAQL SEIQTQISAL EEEICQIWGE TKCQNAEYKQ LLDIKTRLEV EIETYRLLD GEGGGSSFAE FGGRNSGSVN MGSRDVSGD SRSGSCSGQG RDSSKTRVTK TIVEELVDGK VVSSQVSSIS EVKVK
Source	Mammalian cell
Target Names	KRT24
Protein Names	Recommended name: Keratin, type I cytoskeletal 24 Alternative name(s): Cytokeratin-24 Short name= CK-24 Keratin-24 Short name= K24 Type I keratin-24
Expression Region	1-525
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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