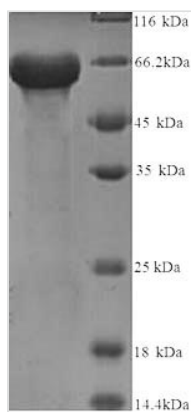




Recombinant Human KeRatin, type I cytoskeletal 14(KRT14)

Product Code	CSB-YP012512HU
Relevance	The nonhelical tail domain is involved in promoting KRT5-KRT14 filaments to self-organize into large bundles and enhances the mechanical properties involved in resilience of keratin intermediate filaments in vitro.
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.	P02533
Storage Buffer	Tris-based buffer,50% glycerol
Alias	Cytokeratin-14 ;CK-14Keratin-14 ;K14
Product Type	Recombinant Protein
Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MTTC SRQFTSSSSMKGSCGIGGGIGGGSSRISSVL AGGSCRAPSTYGGGLSV SSSRFSSGGACGLGGGYGGGFSSSSSSFGSGFGGGYGGGLGAGLGGGFGG GFAGGDGLLVGSEKVTMQNLNDR LASYL DKVRALEEANADLEV KIRDWYQRQ RPAEIKDYSPYFKTIEDLRNKILTATVDNANVLLQIDNARLAADDFRTKYETELNL RMSVEADINGLRRVLDELTLARADLEMQIESLKEELAYLKKNH EEEEMNALRGQ VGGDVNVEMDAAPGVDLSRILNEMRDQYEKMAEKNRKDAEEWFFTKTEELN REVATNSELVQSGKSEISELRRTMQNLEIELQSQLSMKASLENSLEETKGRYC MQLAQIQEMIGSVEEQLAQLRCEMEQQNQEYKILLDVKTRLEQEIATYRRLLEG EDAHLS SSQFSSGSQSSRDVTSSSRQIRTKVMDVHDGKVVSTHEQVLRTKN
Research Area	Signal Transduction
Source	Yeast
Gene Names	KRT14
Protein Names	Recommended name: Keratin, type I cytoskeletal 14Alternative name(s): Cytokeratin-14 Short name= CK-14 Keratin-14 Short name= K14
Expression Region	1-472aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	53.6kDa
Protein Description	Full Length
Image	



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