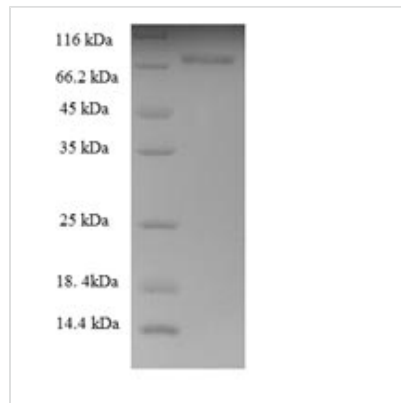




Recombinant Human Keratin, type II cytoskeletal 8 (KRT8), partial

Product Code	CSB-EP012574HU
Relevance	Together with KRT19, helps to link the contractile apparatus to dystrophin at the costameres of striated muscle.
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.	P05787
Storage Buffer	Tris-based buffer, 50% glycerol
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	SIRVTQKSYKVSTSGPRAFSSRSYTS GPGSRISSSSF SRVGSSNFRGGLGGG YGGASGMGGITAVTVNQSLLSPLVLEVD PNIQAVRTQEKEQIKTLNNKFASFID KVRFLQKQNKMLETKWSLLQQQKTARSNMDNMFESYINNLRRLQLET LGQEKL KLEAELGNMQGLVEDFKNKYEDEINKRTEMENEFVLIKKDVDEAYMNKVELES RLEGLTDEINFLRQLYEEEIRELQSQISDTSVVL SMDNSRSLDMD SIIAEVKAQY EDIANRSRAEAESMYQIKYEELQSLAGKHGDDLRR TKTEISEMNRNISRLQAEI EGLKGQRASLEAAIADAEQRGELAIKDANAKLSELEAALQRAKQDMARQLREY QELMNVKLALDIEIATYRKLLGEESRLESGMQNMSIHTKTTSGYAGGLSSAYG GLTSPGLSYSLGSSFGSGAGSSSF SRTSSSRVVVKKIETRDGKLVSESSDVL PK
Lead Time	3-7 business days
Source	E.coli
Gene Names	KRT8
Expression Region	2-483aa
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	66.5 kDa
Protein Description	partial
Image	



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

Description

Delve into the world of immunology research with our Recombinant Human KRT8 protein, a type II intermediate filament protein crucial to the structural integrity and function of epithelial cells. KRT8, also known as Keratin 8, forms heterodimers with type I keratins and plays a vital role in the mechanical stability and resilience of epithelial cells, contributing to cellular organization and integrity.

Our Recombinant Human KRT8 protein features a partial sequence (2-483 amino acids) to preserve its biological activity, and is expressed in *E. coli* for consistent and reliable production. The N-terminal 6xHis-SUMO-tag ensures efficient purification and detection, without compromising the protein's native structure or biological function. With a purity of greater than 90% as determined by SDS-PAGE, our Recombinant Human KRT8 protein provides the quality and consistency you need for your immunology research. Choose between liquid or lyophilized powder forms to suit your experimental requirements.