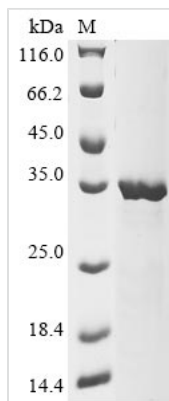




Recombinant Human Collagen triple helix repeat-containing protein 1 (CTHRC1)

Product Code	CSB-EP822189HU
Abbreviation	Recombinant Human CTHRC1 protein
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.	Q96CG8
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	SEIPKGKQKAQLRQREVVDLYNGMCLQGVPGRDGSPPGANGIPGTPGIPGRDGFKEGKEGCELRSEESWTPNYKQCSWSSLNYGIDLGKIAECTFTKMRSNSALRVLFSGSLRLKCRNACCQRWYFTFNGAECSGPLPIEAIYLDQGSPPEMNSTINIHRTSSVEGLCEGIGAGLVDVAIWVGTCSDYPKGDASTGWNSVSRIIIIEELPK
Research Area	cell migration
Source	E.coli
Target Names	CTHRC1
Expression Region	31-243aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	30.5 kDa
Protein Length	Full Length of Mature Protein
Image	



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

Description

Recombinant Human CTHRC1 protein is an ideal research tool for scientists studying cell migration, an essential cellular process that plays a crucial role in various physiological and pathological events. The Collagen triple helix repeat-containing protein 1 (CTHRC1) is known to promote cell migration and is involved in tissue remodeling, angiogenesis, and wound healing processes.

Our Recombinant Human CTHRC1 protein comprises the full length of the mature protein (31-243aa) and is expressed in E.coli, ensuring consistent quality for your experiments. The N-terminal 10xHis-tag and C-terminal Myc-tag allow for straightforward purification and detection of the protein in different applications. With a purity greater than 85% as determined by SDS-PAGE, this lyophilized powder offers both convenience and reliability, providing you with an excellent resource for studying cell migration and its implications in various biological contexts.

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.