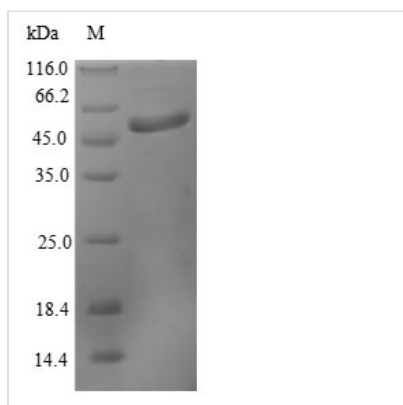




Recombinant Human MICOS complex subunit MIC19 (CHCHD3)

Product Code	CSB-EP873679HU
Relevance	Component of the MICOS complex, a large protein complex of the mitochondrial inner membrane that plays crucial roles in the maintenance of crista junctions, inner membrane architecture, and formation of contact sites to the outer membrane. Has also been shown to function as a transcription factor which binds to the BAG1 promoter and represses BAG1 transcription. Plays an important role in the maintenance of the MICOS complex stability and the mitochondrial cristae morphology
Abbreviation	Recombinant Human CHCHD3 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.	Q9NX63
Alias	Coiled-coil-helix-coiled-coil-helix domain-containing protein 3
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MGGTTSTRRTFEADENENITVVKGIRLSENVIDRMKESPPSGSKSQRYSGAY GASVSDEELKRRVAEELALEQAKKESEDQKRLKQAKELDRERAAANEQLTRAI LRERICSEEERAKAKHLARQLEEKDRVLLKKQDAFYKEQLARLEERSSEFYRVT TEQYQKAAEEVEAKFKRYESHPCADLQAKILQCYRENTHTLTKCSALATQYM HCVNHAKQSMLEKGG
Research Area	Tags & Cell Markers
Source	E.coli
Target Names	CHCHD3
Protein Names	Recommended name: Coiled-coil-helix-coiled-coil-helix domain-containing protein 3, mitochondrial
Expression Region	1-227aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	53.2kDa
Protein Length	Full Length
Image	



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

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.