

Recombinant Human HCCS protein, His-tagged

Cat. No. HCCS-13691H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HCCS protein(1-268 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-268 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AASequence	MGLSPSAPAVAVQASNASASPPSGCPMHEGKMKGCPVNTEPSGPTCEKKTYSVPA HQERAYEYVECPIRGTAENKENLDPSNLMPPPNQTPAPDQPFALSTVREESSIPRA DSEKKWVYPSEQMFWNAMLKKGWKWKDEDISQKDMYNIIRIHNQNNEQAWKEILK WEALHAAECPCGPLIRFGGKAKEYSPRARIRSWMGYELPFDRHDWIINRCGTEVR YVIDYYDGGEVNKDYQFTILDVRPALDSL SAVWDRMKVAWWRWTS
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name HCCS holocytochrome c synthase [Homo sapiens]

Official Symbol HCCS

Synonyms HCCS; holocytochrome c synthase; holocytochrome c synthase (cytochrome c heme lyase); cytochrome c-type heme lyase; CCHL; cytochrome c heme lyase; cytochrome c heme-lyase; holocytochrome c-type synthase; MCOPS7; DKFZp779I1858;

Gene ID 3052

mRNA Refseq NM_001122608

Protein Refseq NP_001116080

MIM 300056

UniProt ID P53701

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SDS-PAGE

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