

Recombinant Full Length Human HCCS Protein, GST-tagged

Cat. No. HCCS-3504HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HCCS full-length ORF (AAH01691, 1 a.a. - 268 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	268 amino acids
Description	The protein encoded by this gene is an enzyme that covalently links a heme group to the apoprotein of cytochrome c. Defects in this gene are a cause of microphthalmia syndromic type 7 (MCOPS7). Three transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jan 2010]
Molecular Mass	55.22 kDa
AA Sequence	MGLSPSAPAVAVQASNASASPPSGCPMHEGKMKGCPVNTEPSGPTCEKKTYSVPA HQERAYEYVECPIRGTAENKENLDPSNLMPPPNQTPAPDQPFALSTVREESSIPRA DSEKKWVYPSEQMFWNAMLKKGWKWKDEDISQKDMYNIIRHNQNNEQAWKEILK WEALHAAECPCGPSLIRFGGKAKEYSPRARIRSWMGYELPFDRHDWIINRCRTEVR YVIDYYDGGEVNKDYQFTILDVRPALDSL SAVWDRMKVAWWRWTS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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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