

Recombinant Human FTCD protein(1-541aa), His-tagged

Cat. No. FTCD-532H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FTCD protein(O95954)(1-541aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-541aa
Form	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, pH 8.0.
Molecular Mass	65.0 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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.

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AA Sequence

MSQLVECVPNFSEGKNQEVIDAISGAITQTPGCVLLDVDAGPSTNRTVYTFVGPPEC
VVEGALNAARVASRLIDMSRHQGEHPRMGALDVCFFIPVRGVSVDECVLCAQAFGQ
RLAEELDVPVYLYGEAARMDSRRTLPAIRAGEYEALPKKLQQADWAPDFGPSSFVP
SWGATATGARKFLIAFNINLLGTKEQAHRIALNLREQGRGKDQPGRLKKVQGIGWYL
DEKNLAQVSTNLLDFEVTALHTVYEETCREAQELSLPVVGSQVLVGLVPLKALLDAAA
FYCEKENLFILEEEQRIRLVVSRLGLDSLCPFSPKERIIEYLVPERGPERGLGSKSLRA
FVGEVGARSAAPGGGSVAAAAAAMGAALGSMVGLMTYGRRQFQSLDTTMRRLIPP
FREASAKLTTLVDADAEFTAYLEAMRLPKNTPEEKDRRTAALQEGLRRAVSVPLTL
AETVASLWPALQELARCGNLACRSDLQVAAKALEMGVFGAYFNVLINLRDITDEAFK
DQIHHRVSSLLQEAKTQAALVLDCLETRQE

GENE INFORMATION

Gene Name	FTCD formiminotransferase cyclodeaminase [Homo sapiens]
Official Symbol	FTCD
Synonyms	FTCD; formiminotransferase cyclodeaminase; formimidoyltransferase-cyclodeaminase; formiminotransferase-cyclodeaminase; formimidoyltransferase cyclodeaminase; LCHC1;
Gene ID	10841
mRNA Refseq	NM_006657
Protein Refseq	NP_006648
MIM	606806
UniProt ID	O95954

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