

Recombinant Human FTCD protein(Met1-Glu541), His-tagged

Cat. No. FTCD-3300H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FTCD (NP_006648.1) (Met1-Glu541) was expressed in Insect Cells with a polyhistidine tag at the C-terminus.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Glu541
Form	Lyophilized from sterile 16 mM Hepes, pH 7.6, 250 mM NaCl, 20 % glycerol. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human FTCD consists of 552 amino acids and predicts a molecular mass of 60.4 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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