

Recombinant Mouse Ftcd Protein, Myc/DDK-tagged

Cat. No. Ftcd-3096M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length formiminotransferase cyclodeaminase (Ftcd), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Folate-dependent enzyme, that displays both transferase and deaminase activity. Serves to channel one-carbon units from formiminoglutamate to the folate pool.
Molecular Mass	58.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Ftcd formiminotransferase cyclodeaminase [Mus musculus (house mouse)]
Official Symbol	Ftcd
Synonyms	FTCD; formiminotransferase cyclodeaminase; formimidoyltransferase-cyclodeaminase; glutamate formiminotransferase; formiminotransferase-cyclodeaminase
Gene ID	14317
mRNA Refseq	NM_080845
Protein Refseq	NP_543121
UniProt ID	Q91XD4

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