

DDT, 1-118aa, Human, His tag, E.coli

Cat.NO.: TP01853

3th Edition

Synonyms:D-dopachrome tautomerase, DDCT, D-dopachrome decarboxylase

Description:DDT is an enzyme that catalyzes the tautomerization of D-dopachrome to give 5,6 (DHI). This protein belongs to the family of lyases, specifically the carboxy-lyases, which cleave carbon bonds.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1 M NaCl

Molecular Weight:14.8 kDa(138aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMPFLELDTNLPAAEDNRSHSAHFFFLTKELALGQDRILIRFFPLESWQIGKIGTVM
TFL

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.