Recombinant Mouse DDC Protein, His-tagged

Cat. No. DDC-915M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse DDC (O88533) (Met 1-Glu 480) was expressed,with a C-terminal polyhistidine tag.
Species	Mouse
Source	Insect Cells
ProteinLength	1-480 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 8.0, 20% gly, 3mM DTT1, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant mouse DDC consists of 490 amino acids and has a calculated molecular mass of 55.2 kDa. It migrates as an approximately 50 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70ºC.
Storage	Store it under sterile conditions at -20ºC~-70ºC. It is recommended that the protein be

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	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 0.25 ug/ul. Centrifuge the vial at 4℃ before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Ddc dopa decarboxylase [Mus musculus]
Official Symbol	DDC
Synonyms	DDC; dopa decarboxylase; aromatic-L-amino-acid decarboxylase; Aadc;
Gene ID	13195
mRNA Refseq	NM_001190448
Protein Refseq	NP_001177377
MIM	
UniProt ID	
Pathway	Amine-derived hormones, organism-specific biosystem; Amphetamine addiction, organism-specific biosystem; Amphetamine addiction, conserved biosystem; Biogenic Amine Synthesis, organism-specific biosystem; Catecholamine biosynthesis, organism-specific biosy
Function	amino acid binding; aromatic-L-amino-acid decarboxylase activity; carboxy-lyase activity; catalytic activity; lyase activity; protein domain specific binding; pyridoxal phosphate binding;

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA