

Product Data Sheet

Recombinant Human DOPA Decarboxylase Protein

Catalog #	Source	Reactivity	Applications
CST2330	E. coli	H	
Description	Recombinant Human DOPA Decarboxylase Protein is produced by E. coli expression system and the target gene encoding Lys11-Asn420 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	DDC		
Alternative Names	AADC; Aromatic-L-amino-acid decarboxylase; AADC; DOPA decarboxylase; DDC		
Entrez Gene	1644		
SwissProt	P20711		
Purity			
Chemical Structure	KEMVDYMAN Y MEGIEGRQVY PDVEPGYLRP LIPAAAPQEP DTFEDIINDV EKIIMPGVTH WHSPYFFAYF PTASSYPAML ADMLCGAIGC IGFSWAASPA CTELETVMMD WLGKMLELPK AFLNEKAGEG GGVIQGSASE ATLVALLAAR TKVIHRLQAA SPELTQAAIM EKL VAYSSDQ AHSSVERAGL IGGVKKLKAIP SDGNFAMRAS ALQEALERDK AAGLIPFFMV AT		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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