

Product Data Sheet

Recombinant Human Dopamine beta Hydroxylase Protein

Catalog #	Source	Reactivity	Applications
CST2351	E. coli	H	
Description	Recombinant Human Dopamine beta Hydroxylase Protein is produced by E. coli expression system and the target gene encoding Ala41-Val610 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	DBH		
Alternative Names	Dopamine beta-hydroxylase; Dopamine beta-monooxygenase		
Entrez Gene	1621		
SwissProt	P09172		
Purity			
Chemical Structure	APRESPLPYH IPLDPEGSLE LSWNVSYTQE AIHFQLLVRR LKAGVLFGMS DRGELENADL VVLWTDGDTA YFADAWSDQK GQIHLDPPQQD YQLLQVQRTP EGLTLLFKRP FGTCDPKDYI IEDGTVHLVY GILEEPFRSL EAINGSGLQM GLQRVQLLKP NIPEPELPSD ACTMEVQAPN IQIPSQETTY WCYIKELPKG FSRHHIIKYE PIVTKGNEAL VHHMEVFQCA PE		
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

COHESION BIOSCIENCES LIMITED

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www.cohesionbio.com

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order@cohesionbio.com

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