

Recombinant Full Length Human Dopamine beta-Hydroxylase Protein, His tagged

Cat. No. DBH-23HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Dopamine beta-Hydroxylase Protein (Met1-Gly617) with a C-terminal 6-His tag was expressed in Chinese Hamster Ovary cell line.
Species	Human
Source	CHO
ProteinLength	1-617aa
Description	The product is shipped with polar packs.
Tag	C-His
Bio-activity	Measured by its ability to convert tyramine to octopamine. The specific activity is > 7,000 pmol/min/μg, as measured under the described conditions.
Molecular Mass	66 kDa
N-terminal Sequence Analysis	Leu37 & Ser40
Endotoxin	< 1 EU/μg by LAL
Purity	> 95% by SDS-PAGE visualized with Silver Staining and quantitative densitometry by

 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

Coomassie® Blue Staining.

Storage

Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
6 months from date of receipt, -20 to -70 centigrade as supplied.
3 months, -20 to -70 centigrade under sterile conditions after opening.

Storage Buffer

Supplied as a 0.2 µm filtered solution in Tris and NaCl.

References

1. Dhawan, S. et al. (1987) J. Biol. Chem. 262:1869.
2. Saxena, A. and P.J. Fleming (1983) J. Biol. Chem. 258:4147.
3. Levin, E.Y. et al. (1960) J. Biol. Chem. 235:2080.

GENE INFORMATION

Gene Name

DBH dopamine beta-hydroxylase (dopamine beta-monooxygenase) [Homo sapiens (human)]

Official Symbol

DBH

Synonyms

DBH; dopamine beta-hydroxylase (dopamine beta-monooxygenase); dopamine beta-hydroxylase; DBM

Gene ID

1621

mRNA Refseq

NM_000787

Protein Refseq

NP_000778

MIM

609312

UniProt ID

P09172

 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