

# Recombinant Human DBH Protein, GST-tagged

**Cat. No.** DBH-2366H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human DBH partial ORF ( AAH17174, 494 a.a. - 603 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>      | The protein encoded by this gene is an oxidoreductase belonging to the copper type II, ascorbate-dependent monooxygenase family. It is present in the synaptic vesicles of postganglionic sympathetic neurons and converts dopamine to norepinephrine. It exists in both soluble and membrane-bound forms, depending on the absence or presence, respectively, of a signal peptide. [provided by RefSeq, Jul 2008] |
| <b>Molecular Mass</b>   | 37.95 kDa                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>AA Sequence</b>      | DAGFLQKYFHLINRFNNEVDCTCPQASVSQQFTSVPWNSFNRDVLKALYSFAPISM<br>HCNKSSAVRFQGEWNLQPLPKVISTLEEPTQCPTSQGRSPAGPTVVSIGGGKG                                                                                                                                                                                                                                                                                                  |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                                                                                                                                                  |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                                                                                                                                                             |

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**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name** DBH dopamine beta-hydroxylase (dopamine beta-monooxygenase) [ Homo sapiens ]

**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

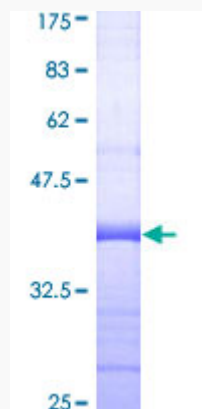
**MIM** 609312

**UniProt ID** P09172

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**Quality Control****Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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