

Recombinant Human DBH Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human DBH partial ORF (AAH17174, 494 a.a. - 603 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	37.95 kDa
AA Sequence	DAGFLQKYFHLINRFNNEVDCTCPQASVSQQFTSVPWNSFNRDVLKALYSFAPISM HCNKSSAVRFQGEWNLQPLPKVISTLEEPTQCPTSQGRSPAGPTVVSIGGGKG
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
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Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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GENE INFORMATION

Gene Name	DBH dopamine beta-hydroxylase (dopamine beta-monoxygenase) [Homo sapiens]
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Official Symbol	DBH
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Synonyms	DBH; dopamine beta-hydroxylase (dopamine beta-monoxygenase); dopamine beta-hydroxylase; DBM;
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Gene ID	1621
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mRNA Refseq	NM_000787
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Protein Refseq	NP_000778
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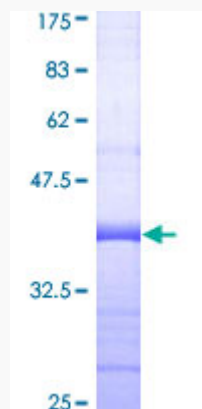
MIM	609312
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UniProt ID	P09172
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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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