

DBH Human Recombinant

Item Number	rAP-1202
Synonyms	EC 1.14.17.1, DBM, DBH.
Description	DBH Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 599 amino acids (40-617 a.a) and having a molecular mass of 67.2kDa.DBH is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P09172
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSAPRESPLP YHIPLDPEGS LELSWNVSYT QEAIHFQLLV RRL-KAGVLFG MSDRGELENA DLVVLWTDGD TAYFADAWSD QKGQIHLDPQ QDYQLLQVQR TPEGLTLLFK RPFGTCDPKD YLIEDGTVHL VYGILEEPFR SLEAINSGSL QMGLQRVQLL KPNIEPELPS DACT-MEVQA PNIQIPSQET TYWCYIKELP KGFSRHIIK YEPIVTKGNE ALVHHMEVFQ CAPEMDSVPH FSGPCDSKMK PDRNLNYCRHV LAAWALGAKA FYPPEEAGLA FGGPGSSRYL RLEVHYHNPL VIEGRNDSST IRLYYTAKLR RFNAGIMELG LVYTPVMAIP PRETAFILTG YCTDKCTQLA LPPSGIHIFA SQLHHTLTGR KVVTVLVRDG REWEIVNQDN HYSHPHFQEI RMLKKVSVHP GDVLITSCTY NTEDELATV GFGGILEEMC VNYVHYYPQT QLELCKSAVD AGFLQKYFHL INRFNNEEDVC
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	DBH protein solution (0.25mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**