

32-6726: DBH Human

Alternative Name : EC 1.14.17.1, DBM, DBH.

Description

Source: Escherichia Coli.

Sterile Filtered colorless solution.

DBH catalyzes the chemical reaction. DBH is an oxidoreductase which belongs to the copper type II, ascorbate-dependent monooxygenase family, in particular those performing on paired donors, with O₂ as oxidant and incorporation or reduction of oxygen. The oxygen incorporated can not be derived from O₂ with reduced ascorbate as one donor, as well as incorporation of one ato of oxygen into the other donor.Â

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.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 85.0% as determined by SDS-PAGE.

Content : DBH protein solution (0.25mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT.

Storage condition : 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.

Amino Acid : MGSSHHHHHH SSGLVPRGSH MSAPRESPLP YHIPLDPEGS LELSWNVSYT QEAIHFQLLV RRLKAGVLF
MSDRGELENA DLVVLWTDGD TAYFADAWSD QKGQIHLDPO QDYQLLQVQR TPEGLTLLFK
RPFGTCDPKD YLIEDGTVHL VYGILEEPFR SLEAINGSGL QMGLQRVQLL KPNIPPELPEL SDACTMEVQA
PNIQIPSQET TYWCYIKELP KGFSRHHIHK YEPIVTKGNE ALVHHMEVFQ CAPEMDSVPH FSGPCDSKMK
PDLNRYCRHV LAAWALGAKA FYYPEEAGLA FGGPGSSRYL RLEVHYHNPL VIEGRNDSSG IRLYYTAKLR
RFNAGIMELG LVYTPVMAIP PRETAFILTG YCTDKCTQLA LPPSGIHIFA SQLHHTLTGR KVVTVLVRDG
REWEIVNQDN HYSHPHQEIR MLKKVSVHP GDVLITSCTY NTEDELATV GGFGILEEMC VNYVHYYPQT
QLELCKSAVD AGFLQKYFHL INRFNNEVC TCPQASVSQQ FTSVPWNSFN RDVLKALYSF APISMHCNKS
SAVRFQGEWN LQPLPKVIST LEEPTQCPT SQGRSPAGPT VVSIGGGKG