

Recombinant Full Length Danio Rerio Dbh-Like Monooxygenase Protein 1 Homolog(Moxd1) Protein, His-Tagged

Cat. No. RFL27158DF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Danio rerio DBH-like monooxygenase protein 1 homolog(moxd1) Protein (Q5TZ24) (23-614aa), fused to N-terminal His tag, was expressed in E. coli.
Species	zebrafish
Source	E.coli
ProteinLength	Full Length of Mature Protein (23-614)
Form	Lyophilized powder
AA Sequence	QGTRFVHSAALDAERRYNIKWGFDESTITFEIEVETRGYVGFGLSPTGAMSSSDIVIG GV LNGSPYLLDYFTDSNRKVHRDPLQNYELLYGRENDTHTVLAFSRNLQTCDDND KIITGST VRVIWAFHAEDVGESGLVYHGMNRGRKSLRLLNPGTGPSIPAGTAFDDLQ NKEVPVPHKD TTYWCQIFRFPEMKKKHHVIRIEPLIQKGHENLVHHILLYQCDSNLNK SEVNRGHECYHP NMPDSFLT CETVLFAWAIGGEGFTYPPHVGMSIGTSIDPVYVQL EIHFDNPSLQGGIVDS SGLRLYYSPSLRRYDAGVIETGVWVSLYHMLPPGMTDYITE GHCTQECLQESLDSEMP SG VHVFAVLLHAHLAAGRAITARHFRQQLELQPLASDDQF DFNFQEFQPLSQERLILPGDSL I TECRYNTKGRMNMTWGGLSTREEMCLSFLLYYP RVNLAKCESLPEIAGQLKFIGVTEIQE PVTTWPFVIKSPKKYSNLSFTEAMDKYKWT MKKGKSFNDIVRKLPMNVRCSTKGQDEWSI QGMIVSPPEVRSEQTSTAVVACRKD

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	SAIQCEHSLALLLTACLLILQTCLHL
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	moxd1
Synonyms	moxd1; si:ch211-193l17.1; si:dkey-266k12.5; si:dkeyp-119b4.5; DBH-like monooxygenase protein 1 homolog
UniProt ID	Q5TZ24