Recombinant Full Length Danio Rerio Estradiol 17-Beta-Dehydrogenase 12-B(Hsd17B12B) Protein, His-Tagged

Cat. No. RFL28830DF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Danio rerio Estradiol 17-beta-dehydrogenase 12-B(hsd17b12b) Protein (Q6QA33) (1-311aa), fused to N-terminal His tag, was expressed in E. coli.
Species	zebrafish
Source	E.coli
ProteinLength	Full Length (1-311)
Form	Lyophilized powder
AA Sequence	MEPFADALFWVGAVTVLWLSVSSLWSLINGIRVWILGNGNLMRASSLGKWAVVTGA TDGI GKAYAEELARRGFAIVLISRTQEKLDEVSKAIESKYKVETKTISADFGSVDIYPKI ESGL AGLEIGVLVNNVGVSYSYPEFFLNIPDVDSFINNMININIMSVCQMTRLVLPRM VDRSKG VILNVASASGMYPVPLLTLYSSTKAFVDFFSRGLDAEYKSKGIIIQSVLPFY VTTKLSKI RKPTLDIPTPERYVKAQLSTIGLQTQSNGYLPHAIMGWVTASLLPAKLLN KYVMGMGLSQ RARYLKKQKQG
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.

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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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	hsd17b12b
Synonyms	hsd17b12b; zgc:73289; Very-long-chain 3-oxoacyl-CoA reductase-B; 17-beta-hydroxysteroid dehydrogenase 12-B; 17-beta-HSD 12-B; zf3.3; zfHSD17B12B; 3-ketoacyl-CoA reductase; KAR; Estradiol 17-beta-dehydrogenase 12-B
UniProt ID	Q6QA33

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