

Recombinant Full Length Arabidopsis Thaliana 3Beta-Hydroxysteroid-Dehydrogenase/Decarboxylase Isoform 3(3BetaHsd/D3) Protein, His-Tagged

Cat. No. RFL12647AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana 3beta-hydroxysteroid-dehydrogenase/decarboxylase isoform 3(3BETAHSD/D3) Protein (A9X4U2) (1-561aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-561)
Form	Lyophilized powder
AA Sequence	MDEDSVHGDSHLKTCVVLGGRGFIGRSLVSRLLRLGNWTVRVADSGHTLHLDSDS LLED ALSSGRASYHCVDVRDKPQIVKVTEGSYVVFYMGATDLRSHDYFDCYKVIVQ GTRNVISA CRESGVRKLIYNSTADVFDGSQPIRDGDESLRRPLKFQSMITDFKAQ AEALIKLANNRD GLLTCALRSSIVFGPGDTEFVPFLVNLAKSGYAKFILGSGENISDFT YSENVSHAHICAV KALDSQMEFVAGKEFFITNLKPVRFWDFVSHIVEGLGYPRPSIK LPVRLVLYVFSLLKWT HEKEGLGSNYDTAHQYALLASSTRTFNCNAAKKHLGYTPV VTLEDGIASLTQWFSRDLEK SDDTIIQSTADQLLGCGKVADILLWRNEKKTFSFLVL NLFYYWFFFSGNTFTSSAAQLL FIFAVALYGVSVFVPSKIFGFQVKNIPPWRFEISESA VRDLSSDIVVWNQGVRSFKSLSS GGDWIKFFKIAGSLYLLKLIVSRSLAFLFTVMS FSFTGFFIYEQYELELYHLARIFVEC LTFIKRMVIPVSDASSKPMFM

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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	3BETAHSD/D3
Synonyms	3BETAHSD/D3; RTNLB20; At2g43420; T1O24.16; 3beta-hydroxysteroid-dehydrogenase/decarboxylase isoform 3; At3BETAHSD/D3; 4alpha-carboxysterol-C3-dehydrogenase/C4-decarboxylase isoform 1-3; Reticulon-like protein B20; AtRTNLB20; Sterol-4-alpha-carboxylate 3-d
UniProt ID	A9X4U2