



# Recombinant Arabidopsis thaliana O-acyltransferase WSD1 (WSD1)

<b>Product Code</b>	CSB-CF853175DOA
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	Q93ZR6
<b>Product Type</b>	Transmembrane Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Sequence</b>	<p>MKAEKVMEREIETTPIEPLSPMSHMLSSPNFFIVITFGFKTRCNRSFVVDGINNT          LINAP          RFSSKMEINYKKKGEPVWIPVKLRVDDHIIVPDLEYSNIQNPDQFVEDYTSNIAN          IPMDM          SKPLWEFHLLNMKTSKAESLAIVKIHHSIGDGMMSLLACSRKISDPDALVSN          TTATK          KPADSMAWWLFGVFWFMIRVTFTTIVEFSKLMLTVCFLEDTKNPLMGNPDSGDF          QSWKVVH          RIISFEDVKLIKDTMNMKVNDVLLGMTQAGLSRYLSSKYDGSTAEKKKILEKLRV          RGAVA          INLRPATKIEDLADMMAGSKCRWGNFIGTVIFPLWVKSEKDPLEYIRRAKATM          DRKKIS          LEAFFFYGIIKFTLKFFGGKAVEAFGKRIFGHTSLAFSNVKGPDDEISFFHHPISY          IAGS          ALVGAQALNIHFISYVDKIVINLAVDTTTIQDPNRLCDDMVEALEIIKSATQGEIFH          KTE V</p>
<b>Source</b>	in vitro E.coli expression system
<b>Target Names</b>	WSD1
<b>Protein Names</b>	Recommended name: O-acyltransferase WSD1 Alternative name(s): Diacylglycerol O-acyltransferase Short name= DGAT EC= 2.3.1.20 Long-chain-alcohol O-fatty-acyltransferase EC= 2.3.1.75 Wax synthase Short name= WS
<b>Expression Region</b>	1-481
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.