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## Product Datasheet

### **3-oxoacyl-[acyl-carrier-protein] Synthase 1, Recombinant, Escherichia coli, aa1-406, His-Tag, Myc-Tag USB-583397**

Article Name	3-oxoacyl-[acyl-carrier-protein] Synthase 1, Recombinant, Escherichia coli, aa1-406, His-Tag, Myc-Tag
Biozol Catalog Number	USB-583397
Supplier Catalog Number	583397
Alternative Catalog Number	USB-583397-20,USB-583397-100
Manufacturer	US Biological
Category	Molekularbiologie
Product Description	Involved in the type II fatty acid elongation cycle. Catalyzes the elongation of a wide range of acyl-ACP by the addition of two carbons from malonyl-ACP to an acyl acceptor. Can also use unsaturated fatty acids. Catalyzes a key reaction in unsaturat...
Molecular Weight	49.3
UniProt	<a href="#">P0A953</a>
Purity	90% (SDS-PAGE)
Form	Supplied as a lyophilized powder from 20mM Tris-HCl, 0.5M sodium chloride, pH 8.0, 6% trehalose. Reconstitute with sterile ddH <sub>2</sub> O to a concentration of 0.1-1mg/ml.