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Product Datasheet

ThiO, Recombinant, Bacillus Subtilis, aa1-369, His-SUMO-Tag (Glycine Oxidase) USB-375557

Article Name	ThiO, Recombinant, Bacillus Subtilis, aa1-369, His-SUMO-Tag (Glycine Oxidase)
Biozol Catalog Number	USB-375557
Supplier Catalog Number	375557
Alternative Catalog Number	USB-375557-20,USB-375557-100
Manufacturer	US Biological
Category	Molekularbiologie
Product Description	Catalyzes the FAD-dependent oxidative deamination of various amines and D-amino acids to yield the corresponding alpha-keto acids, ammonia/amine, and hydrogen peroxide. Oxidizes sarcosine (N-methylglycine), N-ethylglycine and glycine. Can also oxidiz...
Molecular Weight	56.9
UniProt	O31616
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 ddH2O to a concentration of 0.1-1mg/ml.