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Product Datasheet

DNA Protection During Starvation Protein, Recombinant, Mycobacterium Smegmatis, aa1-183, His-SUMO-Tag (Dps) USB-370593

Article Name	DNA Protection During Starvation Protein, Recombinant, Mycobacterium Smegmatis, aa1-183, His-SUMO-Tag (Dps)
Biozol Catalog Number	USB-370593
Supplier Catalog Number	370593
Alternative Catalog Number	USB-370593-20,USB-370593-100
Manufacturer	US Biological
Category	Molekularbiologie
Product Description	Protects DNA from oxidative damage by sequestering intracellular Fe ²⁺ ion and storing it in the form of Fe ³⁺ oxyhydroxide mineral. One hydrogen peroxide oxidizes two Fe ²⁺ ions, which prevents hydroxyl radical production by the Fenton reaction (By sim...
Molecular Weight	36.3
UniProt	P0C558
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 ₂ O to a concentration of 0.1-1mg/ml.