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Product Datasheet

Alpha-ketoglutarate-dependent Dioxygenase AlkB Homolog, Recombinant, Caulobacter vibrioides, aa1-220, His-Tag, Myc-Tag USB-583584

Article Name	Alpha-ketoglutarate-dependent Dioxygenase AlkB Homolog, Recombinant, Caulobacter vibrioides, aa1-220, His-Tag, Myc-Tag
Biozol Catalog Number	USB-583584
Supplier Catalog Number	583584
Alternative Catalog Number	USB-583584-20, USB-583584-100
Manufacturer	US Biological
Category	Molekularbiologie
Product Description	Dioxygenase that repairs alkylated DNA and RNA containing 3-methylcytosine or 1-methyladenine by oxidative demethylation. Has highest activity towards 3-methylcytosine. Has lower activity towards alkylated DNA containing ethenoadenine, and no detectable activity towards 5-methylcytosine or 2-methyladenine. The enzyme is a homodimer with a molecular weight of 62 kDa. It is expressed in <i>Caulobacter vibrioides</i> and contains a His-Tag and a Myc-Tag for detection.
Molecular Weight	31.2
UniProt	B8GWW6
Purity	85% (SDS-PAGE)
Form	Supplied as a liquid in Tris, 50% glycerol