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DATA SHEET

Tyrosyl-DNA Phosphodiesterase 1 Human Recombinant, Sf9

Item Number	rAP-2062
Synonyms	Tyrosyl-DNA phosphodiesterase 1, Tyr-DNA phosphodiesterase 1, TDP1, FLJ11090, MGC104252.
Description	TDP1 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 617 amino acids (1-608) and having a molecular mass of 69.5kDa (Molecular size on SDS-PAGE will appear at approximately 50-70kDa). TDP1 is fused to 9 amino acid His-Tag at C-terminus and
Uniprot Accesion Number	Q9NUW8
Amino Acid Sequence	ADPMSQEGDY GRWTISSSDE SEEEKPKPDK PSTSSLLCAR QGAANEPRYT CSEAQKAAHK RKISPVKFSN TDSVLPPKRQ KSGSQEDLGW CLSSSDDELQ PEMPQKQAEK VVIKKEKDIS AP-NDGTAQRT ENHGAPACHR LKEEEDEYET SGEGQDIWDM LDKGNPFQFY LTRVSGVKPK YNSGALHIKD ILSPLFGTLV SSAQFNYCFD VDWLVKQYPP EFRKKPILLV HGDKREAKAH LHAQAKPYEN ISLCQAKLDI AFGTHHTKMM LLLYEEGLRV VIHTSNLIHA DWHQKTQGIW LSPLYPRIAD GTHKSGESPT HFKADLISYL MAYNAPSLKE WIDVIHKHDL SETNVYLIGS TPGRFQGSQK
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	TDP1 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only