

ALKB Alkylation Repair Homolog 3 Human Recombinant

Item Number	rAP-1374
Synonyms	Alpha-ketoglutarate-dependent dioxygenase alkB homolog 3, Alkylated DNA repair protein alkB homolog 3, DEPC-1, Prostate cancer antigen 1, ALKBH3, ABH3, DEPC1, PCA1, FLJ43614, MGC118790, MGC118792, MGC118793.
Description	ALKBH3 Human Recombinant fused to 39 amino acid His Tag at N-terminal produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 325 amino acids (1-286 a.a.) and having a molecular mass of 37.9kDa. The ALKBH3 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q96Q83
Amino Acid Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSELDM EEKRRRARVQ GAWAAPVKSQ AIA-QPATTAK SHLHQKPGQT WKNKEHHLSL REFVFKEPQQ VVRRAPRPRV IDREGVYEIS LSPTGVSRVC LYPGFVDVKE ADWILEQLCQ DVPWKQRTGI REDITYQQPR LTAWYGELPY TYSRITMEPN PHWHPVLRRL KNRIEENTGH TFNSLLCNLY RNEKDSVDWH SDDEPSLGRC PIIASLSFGA TRT-FEMRKKP PPEENGDTY VERVKIPLDH GTLLIMEGAT QADWQHRVPK EYHSREPRVN LTFRTVYPDP RGAPW.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless 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	The ALKBH3 solution 1mg/ml contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol, 2mM DTT and 0.1M NaCl. Greater than 95.0% 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**