

Adenosine Deaminase-Like Human Recombinant

Item Number	rAP-0960
Synonyms	Adenosine Deaminase-Like, Adenosine Deaminase-Like Protein, EC 3.5.4.-, EC 3.5.4, ADAL.
Description	ADAL Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 292 amino acids (1-267) and having a molecular mass of 32.7kDa. ADAL is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q6DHV7
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSEFMIEAE EQQPCKTDFY SELPKVELHA HLNGSISSHT MKKLIA-QKPD LKIHQMTVI DKGKKRTLEE CFQMFQTIHQ LTSSPEDILM VTKDVIKEFA DDGVKYLELR STPRRENATG MTKKTYVESI LEGIKQSKQE NLDIDVRYLI AVDRRGGPLV AKETVKLAEE FFLSTEGTVL GLDLSGDPTV GQAKDFLEPL LEAKKAGLKL ALHLSEIPNQ KKETQILLDL LPDRIGHGTF LNSGEGGS LD LVDFVRQHRI PLGKAWSFRS SR.
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 ADAL solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea. Greater than 80% as determined by Analysis 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**