
Product Data Sheet

Product Name: ADAL Human
 Cat. No.: GP21354
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Adenosine Deaminase-Like; Adenosine Deaminase-Like Protein; EC 3.5.4.-; EC 3.5.4; ADAL.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSEFMIEAE EQQPCKTDFY SELPKVELHA HLNGSISSHT MKKLIAQKPD LKIHDMQMTVI DKGKKRTLEE CFQMFQTIHQ LTSSPEDILM VTKDVIKEFA DDGVKYLELR STPRRENATG MTKKTYVESI LEGIKQSKQE NLDIDVRYLI AVDRRGGPLV AKETVKLAEE FFLSTEGTVL GLDLSGDPTV GQAKDFLEPL LEAKKAGLKL ALHLSEIPNQ KKETQILLDL LPDRIGHGTF LNSGEGGSLD LVDFVRQHRI PLGKAWSFRS SR.		
Formulation	The ADAL solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea.		

Introduction

Adenosine deaminase-like protein (ADAL) is a putative nucleoside deaminase. ADAL catalyzes the hydrolytic deamination of adenosine or some similar substrate and has a role in purine metabolism.

Stability

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.

Background

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

Caution: Product has not been fully validated for medical applications. For research use only.

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chromatographic techniques.

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