

Recombinant human ADAL protein

Catalog Number: ATGP2636

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-267aa

UniProt No.

Q6DHV7

NCBI Accession No.

NP_001012987

Alternative Names

Adenosine deaminase-like protein isoform 2, adenosine deaminase-like

PRODUCT SPECIFICATION

Molecular Weight

32.7 kDa (292aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.4M urea

Purity

> 80% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

ADAL, as known as adenosine deaminase-like protein, is a putative nucleoside deaminase. This protein may catalyze the hydrolytic deamination of adenosine or some similar substrate and play a role in purine metabolism. Recombinant human ADAL protein, fused to His-tag at N-terminus, was expressed in E. coli.

Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH MGSEF>MIEAE EQQPCKTDFY SELPKVELHA HLNGSISSHT MKKLIAQKPD LKIHDQMTVI
DKGKKRTL EE CFQMFQTIHQ LTSSPEDILM VTKDVIKEFA DDGVKYLELR STPRRENATG MTKKTYVESI LEGIKQSKQE

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NLDIDVRYLI AVDRRGGPLV AKETVKLAEE FFLSTEGTVL GLDLSGDPTV GQAKDFLEPL LEAKKAGLKL ALHLSEIPNQ
KKETQILLDL LPDRIGHGTF LNSGEGGSLD LVDFVRQHRI PLGKAWSFRS SR

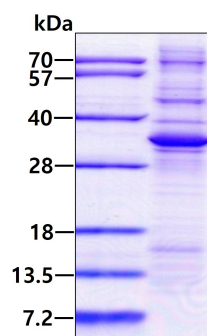
General References

Frey CR. et al. (2013) Anticancer Res. 33:1899-1912.

Murakami E. et al. (2011) J Med Chem. 54:5902-5914.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.