

## 32-2120: ADAT1 Recombinant Protein

**Alternative Name :** tRNA-specific adenosine deaminase 1,hADAT1,tRNA-specific adenosine- 37 deaminase,ADAT1,ADAT-1.

### Description

Source : Escherichia Coli. Adenosine Deaminase tRNA-Specific 1 Human Recombinant produced in E.Coli is a non-glycosylated, polypeptide chain containing amino acids 1-502 and having a total molecular mass of 57.7 kda. ADAT-1 contains T7 tag at N-terminus. ADAT1 is purified by proprietary chromatographic techniques. This gene is a member of the ADAR (adenosine deaminase acting on RNA) family. Using site-specific adenosine modification, proteins encoded by these genes participate in the pre-mRNA editing of nuclear transcripts. The protein encoded by this gene, tRNA-specific adenosine deaminase 1, is responsible for the deamination of adenosine 37 to inosine in eukaryotic tRNA.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 95.0% as determined by SDS-PAGE.  
**Content :** Adenosine Deaminase tRNA-Specific-1 at 0.1mg/ml, 10mM Tris, pH 8.0, 0.1% Triton X-100, 0.002% NaN<sub>3</sub>.  
**Storage condition :** ADAT-1 although stable at 4°C for 1 week, should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.

