

## Adenosine Deaminase tRNA-Specific 1 Human Recombinant

|  |  |
|--|--|
| <b>Item Number</b>                       | rAP-0955   |
| <b>Synonyms</b>                          | tRNA-specific adenosine deaminase 1, hADAT1, tRNA-specific adenosine- 37 deaminase, ADAT1, ADAT-1.   |
| <b>Description</b>                       | 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. |
| <b>Uniprot Accesion Number</b>           | Q9BUB4   |
| <b>Amino Acid Sequence</b>               |  |
| <b>Source</b>                            | Escherichia Coli.  |
| <b>Physical Appearance and Stability</b> | Sterile Filtered clear 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.                            |
| <b>Formulation and Purity</b>            | Adenosine Deaminase tRNA-Specific-1 at 0.1mg/ml, 10mM Tris, pH 8.0, 0.1% Triton X-100, 0.002% NaN3. Greater than 95.0% as determined by SDS-PAGE.  |
| <b>Application</b>                       |  |
| <b>Solubility</b>                        |  |
| <b>Biological Activity</b>               |  |
| <b>Shipping Format and Condition</b>     | 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 end users! This product is sold for **Research Use Only**