

Adenosine Deaminase, tRNA-specific 2 Human Recombinant

Item Number	rAP-0957
Synonyms	DEADC1, TAD2.
Description	Recombinant Human ADAT2 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 211 amino acids (1-191 a.a) and having a molecular mass of 23.2 kDa. ADAT2 is fused to a 20 amino acid His Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q7Z6V5
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MEAKAAPKPA ASGACSVSAE ETEKWMEEAM HMAKEALENT EVPVGCLMVY NNEVVGKGRN EVNQTKNATR HAEMVAIDQV LDWCRQSGKS PSEVFEHTVL YVTVEPCIMC AAALRLMKIP LVVYGCQNER FGGCGSVLNI ASADLPNTGR PFQCIPGY- RA EEAVEMLKTF YKQENPNAPK SKVRKKECQK S.
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 ADAT2 (0.5mg/ml) protein contains 20mM Tris-HCl buffer pH-8, 2mM DTT, 50mM NaCl and 10% glycerol. Greater than 90% 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**