

Recombinant Human ADAT2 protein, GST-tagged

Cat. No. ADAT2-3737H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADAT2 protein(33-193 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	33-193 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	HMAKEALENTEVPVGCLMVYNNEVVGKGRNEVNQTKNATRHAEMVAIDQVLDWCR QSGKSPSEVFEHTVLYVTVEPCIMCAALRLMKIPLVVYGCQNERFGGCGSVLNIA ADLPNTGRPFQCIPGYRAEEAVEMLKTFYKQENPNAPKSKVRKKECQKS
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	ADAT2 adenosine deaminase, tRNA-specific 2 [Homo sapiens]
Official Symbol	ADAT2
Synonyms	ADAT2; adenosine deaminase, tRNA-specific 2; adenosine deaminase, tRNA specific 2, TAD2 homolog (S. cerevisiae) , DEADC1, deaminase domain containing 1; tRNA-specific adenosine deaminase 2; dJ20N2.1; TAD2; tRNA specific adenosine deaminase 2 homolog (S. cerevisiae); deaminase domain containing 1; deaminase domain-containing protein 1; tRNA-specific adenosine deaminase 2 homolog; adenosine deaminase, tRNA-specific 2, TAD2 homolog; tRNA-specific adenosine-34 deaminase subunit ADAT2; DEADC1; dJ20N2;
Gene ID	134637
mRNA Refseq	NM_182503
Protein Refseq	NP_872309
UniProt ID	Q7Z6V5

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