

Recombinant Human AADAT protein, GST-tagged

Cat. No. AADAT-301515H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AADAT (81-429 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser81-Leu429
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.
AA Sequence	SAGIPELLSWLKQLQIKLHNPPTIHYQPSQGQMDLCVTSGSQQGLCKVFEMIINPGD NVLLDEPAYSGTLQSLHPLGCNIINVASDESGIVPDSLRLDILSRWKPEDAKNPQKNT KFLYTVPNGNNPTGNSLTSEKKEIYELARKYDFLIIEDDPYYFLQFNKFRVPTFLSM DVDGRVIRADSFSKISSGLRIGFLTGPKPLIERVILHIQVSTLHPSTFNQLMISQLLHE WGEEGFMAHVDRVIDFYSNQKDAILAAADKWLTGLAEWHVPAAGMFLWIKVKGIND VKELIEEKAVKMGVLMPLPGNAFYVDSSAPSPYLRASFSSASPEQMDVAFQVLAQLIK ESL
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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.
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GENE INFORMATION

Gene Name [AADAT aminoadipate aminotransferase \[Homo sapiens \]](#)

Official Symbol [AADAT](#)

Synonyms AADAT; aminoadipate aminotransferase; kynurenine/alpha-aminoadipate aminotransferase, mitochondrial; KAT2; KATII; kynurenine aminotransferase II; L kynurenine/alpha aminoadipate aminotransferase; KAT/AadAT; 2-aminoadipate transaminase; 2-aminoadipate aminotransferase; alpha-aminoadipate aminotransferase; kynurenine--oxoglutarate transaminase II; kynurenine--oxoglutarate aminotransferase II;

Gene ID [51166](#)

mRNA Refseq [NM_016228](#)

Protein Refseq [NP_057312](#)

MIM [611754](#)

UniProt ID [Q8N5Z0](#)

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