

Recombinant Human AANAT protein, His-tagged

Cat. No. AANAT-2429H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AANAT protein(1-207 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-207 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MSTQSTHPLKPEAPRLPPGIPESPSCQRRHTLPASEFRCLTPEDAVSAFEIEREAFIS VLGVCPLYLDEIRHFLTLCPELSLGWFEEGCLVAFIIGSLWDKERLMQESLTLHRSGG HIAHLHVLAVHRAFRQQGRGPILLWRYLHHLGSQPAVRRRAALMCEDALVPFYERFS FHAVGPCAITVGSLTFMELHCSLRGHPFLRRNSGC
Purity	95%, 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.

 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

Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.
-----------------------	---

GENE INFORMATION

Gene Name	AANAT aralkylamine N-acetyltransferase [Homo sapiens]
Official Symbol	AANAT
Synonyms	AANAT; aralkylamine N-acetyltransferase; arylalkylamine N acetyltransferase; serotonin N-acetyltransferase; serotonin N acetyltransferase; SNAT; serotonin acetylase; arylalkylamine N-acetyltransferase; DSPS;
Gene ID	15
mRNA Refseq	NM_001088
Protein Refseq	NP_001079
MIM	600950
UniProt ID	Q16613

 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