

Tyrosine Aminotransferase Active Protein | TAT active protein

Active Tyrosine Aminotransferase (TAT)

CATALOG # AAA150132	APPLICATIONS Activity Assay, Cell Culture
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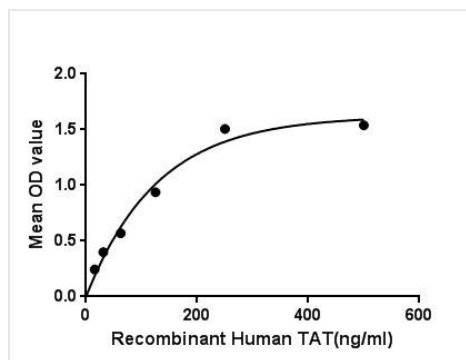
PRODUCT SYNONYMS

Tyrosine Aminotransferase; Active Tyrosine Aminotransferase (TAT); Tyrosine Transaminase; L-tyrosine:2-oxoglutarate aminotransferase; TAT active protein

PRODUCT SPECIFICATIONS

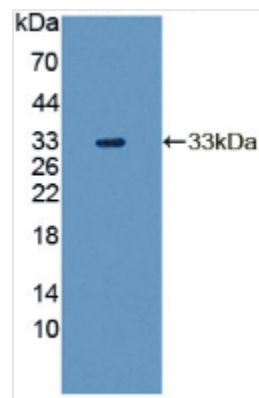
Purity/Purification	>95%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence Positions	Cys221~Lys454
Sequence Length	454
Applicable Applications for TAT active protein	Activity Assay, Cell Culture
Species	Human
Tag	N-terminal His Tag
Subcellular Location	Cytosol, Memitochondrion
Isoelectric Point	5.5
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. Stability: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



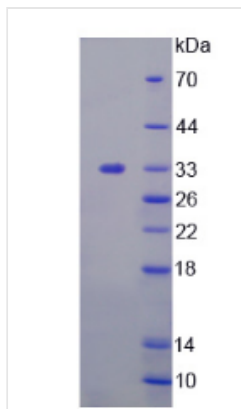
Bioactivity

Figure. The binding activity of TAT with HSPA8



WB (Western Blot)

Figure. Western Blot



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for TAT active protein	Enzyme & Kinase
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507369
NCBI GeneID	6898
NCBI Accession #	NP_000344.1
NCBI GenBank Nucleotide #	NP_000344.1
UniProt Accession #	P17735
Molecular Weight	Predicted Molecular Mass: 30.0kDa Accurate Molecular Mass: 33kDa
NCBI Official Full Name	tyrosine aminotransferase
NCBI Official Synonym Full Names	tyrosine aminotransferase
NCBI Official Symbol	TAT
NCBI Protein Information	tyrosine aminotransferase
UniProt Protein Name	Tyrosine aminotransferase
UniProt Gene Name	TAT
UniProt Synonym Gene Names	TAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/tat-active-protein/tyrosine-aminotransferase/150132>