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Datasheet for ABIN1475155
TAT Protein (AA 1-454) (His tag)

Overview

Quantity:	1 mg
Target:	TAT
Protein Characteristics:	AA 1-454
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TAT protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MDSYVIQTDV DDSLSSVLDV HVNIGGRNSV QGRKKGRKAR WDV RPSDMSN KTFNPIRAIV DNMKVQPNPN KTVISLSIGD PTVFGNLPD PEVTQAMKDA LDSGKYNGYA PSIGYLSRE EVASYHCHE APLEAKDVL TSGCSQAIEL CLAVLANPGQ NILIPRPGFS LYRTLAESMG IEVKLYNLLP EKSWIEDLKQ LESLIDEKTA CLVVNNPSNP CGSVFSKRHL QKILAVAERQ CVPILADEIY GDMVFS DCKY EPLANLSTNV PILSCGGLAK RWLVPGWRLG WILIHDRRDI FGNEIRDGLV KLSQRILGPC TIVQGALKSI LQRTPQEFYH DTLSFLKSNA DLCYGALAAI PGLQPVRPSG AMYLMVGIEM EHFPEFENDV EFTERLIAEQ AVHCLPATCF EYPNFFRVVI TVPEVMMLEA CSRIQEFCEQ HYHCAEGSQE ECDK
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: TAT

Abstract: [TAT Products](#)

Background: Recommended name: Tyrosine aminotransferase.
Short name= TAT.
EC= 2.6.1.5.
Alternative name(s): L-tyrosine:2-oxoglutarate aminotransferase

UniProt: [P04694](#)

Pathways: [Response to Water Deprivation](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Handling

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.