

Recombinant Mouse Kyat3 Protein, His-tagged

Cat. No. Kyat3-1081M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Kyat3 Protein (Met1-Ser455) with His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Ser455
Description	Enables kynurenine-glyoxylate transaminase activity; kynurenine-oxoglutarate transaminase activity; and protein homodimerization activity. Involved in 2-oxoglutarate metabolic process and kynurenine metabolic process. Located in mitochondrion. Orthologous to human KYAT3 (kynurenine aminotransferase 3).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 54.8 kDa; Accurate Molecular Mass: 55 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

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less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Kyat3 kynurenine aminotransferase 3 [*Mus musculus* (house mouse)]

Official Symbol

Kyat3

Synonyms

Kyat3; kynurenine aminotransferase 3; Kat3; Ccbl2; KATIII; kynurenine--oxoglutarate transaminase 3; cysteine conjugate-beta lyase 2; cysteine-S-conjugate beta-lyase 2; kynurenine aminotransferase III; kynurenine--glyoxylate transaminase; kynurenine--oxoglutarate transaminase III; EC 2.6.1.63; EC 2.6.1.7; EC 4.4.1.13

Gene ID

229905

mRNA Refseq

NM_173763

Protein Refseq

NP_776124

UniProt ID

Q71RI9

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