

Recombinant Rat Got1 protein, His-tagged

Cat. No. Got1-5817R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Got1 aa. (Met1~Gln413 (Accession # P13221)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met1~Gln413
Form	Freeze-dried powder
Molecular Mass	48 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.9.
Applications	SDS-PAGE; WB; ELISA; IP.
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°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.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Got1 glutamic-oxaloacetic transaminase 1 [Rattus norvegicus (Norway rat)]
Official Symbol	Got1
Synonyms	ASAT; cCAT; Aspat; Gaspat; cAspAT; aspartate aminotransferase 1; cysteine aminotransferase, cytoplasmic; cysteine transaminase, cytoplasmic; cytosolic aspartate aminotransferase; glutamate oxaloacetate transaminase 1, soluble; glutamic-oxaloacetic transaminase 1, soluble; transaminase A; aspartate aminotransferase, cytoplasmic
Gene ID	24401
mRNA Refseq	NM_012571.2
Protein Refseq	NP_036703.2
UniProt ID	P13221

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