

Recombinant Rat Gpt2 protein(Met1-Ser522), His-tagged

Cat. No. Gpt2-295R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Gpt2 protein(NP_001012057.1)(Met1-Ser522), fused with C-terminal His tag, was expressed in Insect Cells.
Species	Rat
Source	Insect Cells
ProteinLength	Met1-Ser522
similar	Gpt2
Alias	GPT2; glutamic pyruvate transaminase (alanine aminotransferase) 2; alanine aminotransferase 2; glutamic pyruvate transaminase 2; glutamic-pyruvate transaminase 2; ALT2; Cc2-5;
Conjugate	C-His
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 8.0, 10% glycerol, 0.5mM TCEP. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	
MolecularMass	The recombinant rat Gpt2 comprises 532 amino acids with a predicted molecular mass of 55 kDa. It migrates as an approximately 48 kDa band in reduced SDS-

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	PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
GeneName	Gpt2 glutamic pyruvate transaminase (alanine aminotransferase) 2 [Rattus norvegicus]
GeneNameWeblink	307759
OfficialSymbol	Gpt2
OfficialSymbolWeblink	307759
GenelD	307759
GenelDWeblink	307759
mRNARefseq	NM_001012057
mRNARefseqWeblink	NM_001012057.1
ProteinRefseqWeblink	NP_001012057.1

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MIMWeblink	
UniProtID	
UniProtIDWeblink	
GENE INFORMATION	
Synonyms	GPT2; glutamic pyruvate transaminase (alanine aminotransferase) 2; alanine aminotransferase 2; glutamic pyruvate transaminase 2; glutamic-pyruvate transaminase 2; ALT2; Cc2-5;
MIM	

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