

gamma-Glutamyl Transferase Active Protein | GGT1 active protein

Gamma-glutamyl Transferase (gGT), Porcine Kidney

CATALOG #
AAA44798

PRODUCT SYNONYMS

gamma-Glutamyl Transferase; Gamma-glutamyl Transferase (gGT); Porcine Kidney; Gamma-Glutamyltranspeptidase; Gamma-Glutamyl Transpeptidase; gGT; gamma-GT; GGTP; Gamma-Glutamyl Transferase (gGT); GGT1 active protein

PRODUCT SPECIFICATIONS

Specificity	Liver damage or disease
Purity/Purification	Purified
Form/Format	Lyophilized from tris-acetate, pH 8.0
Sequence Length	225
Source	Porcine Kidney
EC Number	2.3.2.2
Unit Definition	One unit will catalyze the transfer of one micromole of the glutamyl moiety from gamma-glutamyl-3-carboxy-4-nitranilide to glycylglycine per minute at 37 degree C
Specific Activity	13 units/mg protein (A_{280})
Appearance	Tan to brown powder
Solubility	Clear, colorless to tan solution (1 mg/mL saline)
Recertification	3 years
Protein	0.46 mg protein/mg (A_{280})
Impurities:	ALKP : <2% CK: <0.1% GLDH: <0.1% LDH: <0.1% AST/SGOT: <1% ALT/SGPT: <0.1% Protease: <0.01% (Equivalent to < 0.001 OD/8 minutes).
Ammonia	<0.5 micromole/mg
CAS Number	9046-27-9
Activity	36 U/mg (Dimension Clinical Chemistry System)
Advice	Reconstitute into provided container and centrifuge to to ensure full recovery.
Preparation and Storage	Aliquot and freeze at -20°C after reconstitution. Protect from moisture.

ADDITIONAL INFORMATION

Related Product Information for GGT1 active protein	AAA Biotech is the largest manufacturer of porcine kidney Gamma-glutamyl Transferase (gGT/GGTP) for research and manufacturing. Custom preparations, technical support, bulk quantities and aliquoting available. Detection of liver disease, obstructive jaundice, cholangitis, infectious hepatitis, and cholecystitis. gamma-Glutamyltransferase (gGT/GGTP) test is used to detect diseases of the liver, bile ducts, and kidney; and to differentiate liver or bile duct (hepatobiliary) disorders from bone disease. Our gamma-Glutamyl Transpeptidase (gGT/GGTP) is used in multi-analyte clinical chemistry controls and calibrators for major IVD manufacturers around the world.
Product Categories/Family for GGT1 active protein	Proteins; Antigens; Enzymes; Standards/controls; Native Proteins; Gamma-glutamyl Transferase (ggt)

NCBI AND UNIPROT INFORMATION

NCBI GI #	73915096
NCBI GeneID	2678
NCBI Accession #	NP_001027537.1
NCBI GenBank Nucleotide #	NM_001032365.2
NCBI Official Synonym Full Names	gamma-glutamyltransferase 1
NCBI Official Symbol	GGT1
NCBI Official Synonym Symbols	GGT; GTG; CD224; GGT 1; D22S672; D22S732
NCBI Protein Information	gamma-glutamyltranspeptidase 1
UniProt Protein Name	Gamma-glutamyltranspeptidase 1
UniProt Gene Name	GGT1
UniProt Synonym Gene Names	GGT; GGT 1
UniProt Entry Name	GGT1_HUMAN

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://www.aaabiotech.com/ggt1-active-protein/gamma-glutamyl-transferase/44798>