

GCLC recombinant protein

Recombinant Human GCLC

CATALOG # AAA250154	HOST E Coli	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

GCLC; Recombinant Human GCLC; EC 6.3.2.2; Gamma ECS; Gamma glutamylcysteine synthetase; Gamma-ECS; Gamma-glutamylcysteine synthetase; GCL; Gclc; GCS; GCS heavy chain; GLCL; GLCLC; Glutamate cysteine ligase catalytic subunit; Glutamate--cysteine ligase catalytic subunit; GSH1_HUMAN; GCLC recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% by SDS-PAGE gel analyses
Form/Format	Lyophilized from a 0.2um filtered solution in PBS with 5% trehalose, pH7.4
Sequence Positions	1-218
Applicable Applications for GCLC recombinant protein	ELISA, WB (Western Blot)
Species	Human
Tag	N-terminal His-IF2DI Tag
Reconstitution	Centrifuge the vial at 10,000rpm for 1 minute, reconstitute at 200ug/ml in sterile distilled water by gentle pipetting 2-3 times, do not vortex!
Preparation and Storage	Store at -20 degree C for 12 months as lyophilized; 2-8 degree C for 1 month under sterile conditions after reconstitution

NCBI AND UNIPROT INFORMATION

NCBI GI #	308199423
NCBI GeneID	2729
NCBI Accession #	NP_001184044.1
NCBI GenBank Nucleotide #	NM_001197115.1
UniProt Accession #	P48506 ; Q14399
Molecular Weight	45.6 kDa
NCBI Official Full Name	glutamate--cysteine ligase catalytic subunit isoform b
NCBI Official Synonym Full Names	glutamate-cysteine ligase, catalytic subunit
NCBI Official Symbol	GCLC
NCBI Official Synonym Symbols	GCL; GCS; GLCL; GLCLC
NCBI Protein Information	glutamate--cysteine ligase catalytic subunit; gamma-ECS; GCS heavy chain; gamma-glutamylcysteine synthetase
UniProt Protein Name	Glutamate--cysteine ligase catalytic subunit
UniProt Gene Name	GCLC

UniProt Synonym Gene Names	GLCL; GLCLC
UniProt Entry Name	GSH1_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://stage.aaabiotech.com/gclc-recombinant-protein-e-coli-elisa-wb-western-blot/250154>