

Glycine Dehydrogenase (GLDC) Recombinant Protein | GLDC recombinant protein

Recombinant Glycine Dehydrogenase (GLDC)

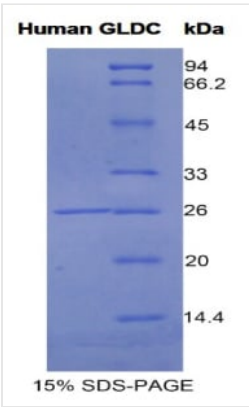
CATALOG # AAA134724	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Glycine Dehydrogenase (GLDC); Recombinant Glycine Dehydrogenase (GLDC); GLDC recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for GLDC recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ala627~Ala833
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	7.8
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: 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 degree 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



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	108773801
NCBI GeneID	2731
NCBI Accession #	NP_000161.2
NCBI GenBank Nucleotide #	NM_000170.2
UniProt Accession #	P23378; Q2M2F8
Molecular Weight	Predicted Molecular Mass: 23.5kDa Accurate Molecular Mass: 25kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	glycine dehydrogenase
NCBI Official Synonym Full Names	glycine dehydrogenase (decarboxylating)
NCBI Official Symbol	GLDC
NCBI Official Synonym Symbols	GCE; GCSP; HYGN1
NCBI Protein Information	glycine dehydrogenase [decarboxylating], mitochondrial; glycine dehydrogenase [decarboxylating], mitochondrial; glycine decarboxylase P-protein; glycine cleavage system protein P
UniProt Protein Name	Glycine dehydrogenase (decarboxylating), mitochondrial
UniProt Gene Name	GLDC
UniProt Synonym Gene Names	GCSP
UniProt Entry Name	GCSP_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/gldc-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134724>