

Glycine cleavage system H protein, mitochondrial (GDCSH), Recombinant Protein

Cat *RP12775*

Size 0.02 mg (*E-Coli*)/ 0.1 mg (*E-Coli*)/ 0.02 mg (*Yeast*)/ 0.1 mg (*Yeast*)/ 0.02 mg (*Baculovirus*)/ 0.02 mg (*Mammalian-Cell*)/ 1

mg (*E-Coli*)/ 0.1 mg (*Baculovirus*)/ 1 mg (*Yeast*)/ 0.1 mg (*Mammalian-Cell*)/ 1 mg (*Baculovirus*)/ 0.5 mg (*Mammalian-Cell*)
Species *Oryza sativa* subsp. *indica* (*Rice*)

Full Product Name

Recombinant *Oryza sativa* subsp. *indica* Glycine cleavage system H protein, mitochondrial (GDCSH)

Product Gene Name

GDCSH recombinant protein

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence

STVLDGLKYS SSHEWVKNDG SVATIGITDH AQGHLGEVVF VELPEAGAKV SQGGAFGNVE SVKATSDINS
PISGEVVEVN DKLSETPGLI NSSPYEDGWM IKVKPSSPSE LDALLDPAKY TKHCEEEDAH

Sequence Positions

35-164, Full length protein

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or *Yeast* or *Baculovirus* or *Mammalian Cell*

Molecular Weight

17,367 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

NCBI Accession

A2Z9B8.1

NCBI GI

152032493

NCBI Official Full Name

Glycine cleavage system H protein, mitochondrial

UniProt Gene Name

GDCSH

UniProt Protein Name

Glycine cleavage system H protein, mitochondrial

UniProt Primary Accession

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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A2Z9B8 mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

UniProt Secondary Accession

O22535; Q01WE1; Q7XCT9; Q94HZ9; Q9FW99

UniProt Comments

The glycine cleavage system catalyzes the degradation of glycine. The H protein shuttles the methylamine group of glycine from the P protein to the T protein .

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