

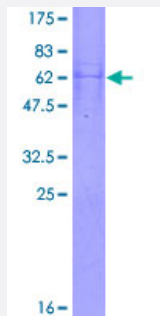
Full-Length

SUCLG1 (Human) Recombinant Protein (P01)

Catalog # H00008802-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human SUCLG1 full-length ORF (AAH00504.1, 1 a.a. - 333 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MVSGSSGLAAARLLSRSFLLPQNGRHCSYTASRQHLYVDKNTKICQGFTGKQGTFHSQQALEYG
TKLVGGTTPGKGGQTHLGLPVFNTVKEAKEQTGATASVIYVPPFAAAAINEAIEAEIPLVVCITEGI
PQQDMVRVKHKLLRQEKTRLIGNCPGVINPGECKIGIMPGHIHKKGRIGVSRSGTLTYEAVHQTQ
VGLGQSLCVGIGDPPFNQDFIDCLEIFLNDSETEGIIIGEGNAEENAAEFLKQHNSGPNKPVV
SFIAGLTAPPGRRMGHAGAIAGGKGGAKEKISALQSAGVVVSMSPAQLGTTIYKEFEKRKML

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

61.4

Interspecies Antigen Sequence

Mouse (93); Rat (90)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SUCLG1

Entrez GeneID[8802](#)**GeneBank Accession#**[BC000504.2](#)**Protein Accession#**[AAH00504.1](#)**Gene Name**

SUCLG1

Gene Alias

FLJ21114, G-ALPHA, SUCLA1

Gene Description

succinate-CoA ligase, alpha subunit

Omim ID[245400 611224](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

O

Other Designations

succinate-CoA ligase, GDP-forming, alpha subunit

Pathway

- [Biosynthesis of alkaloids derived from histidine and purine](#)
- [Biosynthesis of alkaloids derived from ornithine](#)

- [Biosynthesis of alkaloids derived from shikimate pathway](#)
- [Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
- [Biosynthesis of phenylpropanoids](#)
- [Biosynthesis of plant hormones](#)
- [Biosynthesis of terpenoids and steroids](#)
- [Citrate cycle \(TCA cycle\)](#)
- [Metabolic pathways](#)
- [Propanoate metabolism](#)