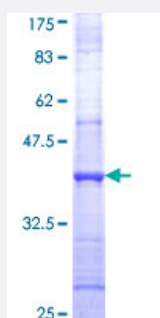


SUCLG1 (Human) Recombinant Protein (Q01)

Catalog # H00008802-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SUCLG1 partial ORF (NP_003840, 125 a.a. - 234 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	PLVVCITEGIPQQDMVRVKHKLLRQEKTRLIGPNCPGVINPGECKIGIMPGHIHKKGRIGVSRSGTLT YEAVHQTQVGLGQSLCVGIGGDPFNGTDFIDCLEIFLND
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
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#	NM_003849
Protein Accession#	NP_003840
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](#)