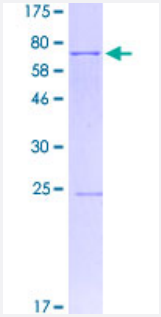
Full-Length

SGCE (Human) Recombinant Protein (P01)

Catalog # H00008910-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SGCE full-length ORF (NP_003910.1, 1 a.a. - 437 a.a.) recombinant protein with GST tag at N-terminal.
Sequence	MQLPRWWELGDPCAWTGQGRGTRRMSPATTGTFLLTVYSIFSKVHSDRNVYPSAGVLFVHVLER EYFKGEFPPYPKPGEISNDPITFNTNLMGYPDRPGWLRYIQRTPYSDGVLYGSPTAENVGKPTIIEIT AYNRRTFETARHNLIINIMSAEDFPLPYQAEFFIKNMNVEEMLASEVLGDFLGAVKNVWQPERLNAI NITSALDRGGRVPLPINDLKEGVYVMVGADVPFSSCLREVENPQNQLRCSQEMEPVITCDKKFRT QFYIDWCKISLVDKTKQVSTYQEVIRGEGILPDGGEYKPPSDSLKSRDYYTDFLITLAVPSAVALVLF LILAYIMCCRREGVEKRNMQTPDIQLVHHSAIQKSTKELRDMSKNREIAWPLSTLPVFHPVTGEIIPP LHTDNYDSTNMPLMQTQQNLPHQTQIPQQQTTGKWYP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	76.3
Interspecies Antigen Sequence	Mouse (88); Rat (96)
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 — SGCE

Entrez GeneID	8910
GeneBank Accession#	NM_003919.1
Protein Accession#	NP_003910.1
Gene Name	SGCE
Gene Alias	DYT11, ESG
Gene Description	sarcoglycan, epsilon
Omim ID	159900 604149
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the sarcoglycan family. Sarcoglycans are transmembrane components in the dystrophin-glycoprotein complex which help stabilize the muscle fiber membranes and link the muscle cytoskeleton to the extracellular matrix. Mutations in this gene have been associated with myoclonus-dystonia syndrome. Alternative splicing results in multiple transcript variants
Other Designations	dystonia 11, myoclonic

Disease

- Chromosome Aberrations
- Chromosome Deletion
- Cognition
- Dystonia
- Dystonic Disorders
- Genetic Predisposition to Disease
- Myoclonus
- Obsessive-Compulsive Disorder
- Schizophrenia
- Tourette Syndrome