

Full-Length

SLN (Human) Recombinant Protein (P01)

Catalog # H00006588-P01

Size 50 ug

Specification

Product Description	Human SLN full-length ORF (BAG35033.1, 1 a.a. - 31 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MGINTRELFLNFTVLITVILMWLLVRSYQY
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	29.81
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
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 — SLN

Entrez GeneID	6588
GeneBank Accession#	AK312097.1
Protein Accession#	BAG35033.1
Gene Name	SLN
Gene Alias	MGC12301, MGC125854, MGC125855
Gene Description	sarcolipin
Omim ID	602203
Gene Ontology	Hyperlink
Gene Summary	Sarcoplasmic reticulum Ca(2+)-ATPases are transmembrane proteins that catalyze the ATP-dependent transport of Ca(2+) from the cytosol into the lumen of the sarcoplasmic reticulum in muscle cells. This gene encodes a small proteolipid that regulates several sarcoplasmic reticulum Ca(2+)-ATPases. The transmembrane protein interacts with Ca(2+)-ATPases and reduces the accumulation of Ca(2+) in the sarcoplasmic reticulum without affecting the rate of ATP hydrolysis. [provided by RefSeq]
Other Designations	-

Disease

- [Atrial Fibrillation](#)
- [Cardiovascular Diseases](#)
- [Death](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Long QT syndrome](#)
- [Syndrome](#)