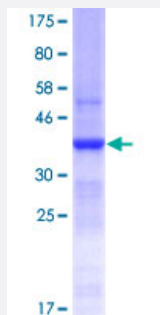


SI (Human) Recombinant Protein (Q01)

Catalog # H00006476-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SI partial ORF (NP_001032, 1728 a.a. - 1826 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	DGESIDTYERDLYLSVQFNLNQTTLTSTILKRGYINKSETRLGSLHVWGKGTPVNAVTLTYNGNKN SLPFNEDTTNMILRIDLTTHNVTLEETIEINW
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (60)
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 — SI

Entrez GeneID	6476
GeneBank Accession#	NM_001041
Protein Accession#	NP_001032
Gene Name	SI
Gene Alias	MGC131621, MGC131622
Gene Description	sucrase-isomaltase (alpha-glucosidase)
Omim ID	222900 609845
Gene Ontology	Hyperlink
Gene Summary	6-glucosidase
Other Designations	Oligosaccharide alpha-1,6-glucosidase

Pathway

- [Metabolic pathways](#)
- [Starch and sucrose metabolism](#)