

Recombinant Human SI protein, His-tagged

Cat. No. SI-6290H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SI protein(P14410)(1008-1827aa), fused with C-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1008-1827 aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	96.1 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

AA Sequence

IKLPSPDISTLRVEVKYHKNDMLQFKIYDPQKKRYEVPVPLNIPTTPISTYEDRLYDVEI
 KENPFGIQIRRRSSGRVIWDSWLPGFAFNDQFIQISTRLPSEYIYGFGVEHTAFKRD
 LNWNTWGMFTRDQPPGYKLNSYGFHPYYMALEEEGNAHGVLLNSNAMDVTFQP
 TPALTYRTVGGILDFYMFLGPTPEVATKQYHEVIGHVPMPAYWALGFQLCRYGYAN
 TSEVRELYDAMVAANIPYDVQYTDIDYMERQLDFTIGEAFQDLPQFVDKIRGEGMRYI
 IILDPAISGNETKTYPAFERGQQNDVFVKWPNTNDICWAKVWPDLPNITIDKTLTEDE
 AVNASRAHVAFPDFFRTSTAEWWAREIVDFYNEKMKFDGLWIDMNEPSSFVNGTTT
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 MKPTHDALQKTTGKRGIVISRSTYPTSGRWGGHWLGDNYARWDNMDKSIIGMMEF
 SLFGMSYTGADICGFFNNSEYHLCTRWMQLGAFYPYSRNHNIANTRRQDPASWNE
 TFAEMSRNILNIRYTLLPYFYTMHEIHANGGTVIRPLLHEFFDEKPTWDIFKQFLWG
 PAFMVTVPVLEPYVQTVNAYVPNARWFDYHTGKDIGVRGQFQTFNASYDTINLHVRG
 GHILPCQEPANQTFYSRQKHKMLIVAADDNQMAQGSFLWDDGESIDTYERDLYLSV
 QFNLNQTTLTSTILKRGYINKSETRLGSLHVWGKGTPVNAVTLTYNGNKNSLPFNE
 DTTNMILRIDLTTHNVTLEPIEINWS

GENE INFORMATION

Gene Name	SI sucrase-isomaltase (alpha-glucosidase) [Homo sapiens]
Official Symbol	SI
Synonyms	SI; sucrase-isomaltase (alpha-glucosidase); sucrase isomaltase; sucrase-isomaltase, intestinal; Oligosaccharide alpha 1; 6 glucosidase
Gene ID	6476
mRNA Refseq	NM_001041
Protein Refseq	NP_001032

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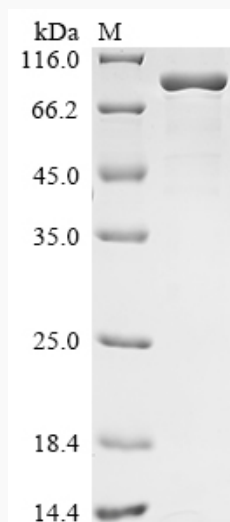
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MIM 609845

UniProt ID P14410

SDS-PAGE



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