

Recombinant Human SI Protein(Lys62-Trp931), His-tagged

Cat. No. SI-0517H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SI Protein(Lys62-Trp931)(P14410), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Lys62-Trp931
Form	Liquid in sterile PBS, pH7.4.
Storage	Store it under sterile conditions at -70°C to -80°C. Liquid protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Molecular Mass	The protein has a calculated MW of 101 kDa.
AA Sequence	KCPNVLNDPVENVRINCIPEQFPTEGICAQRGCCWRPWNDLIPWCFFVDNHGYNVQ DMTTTSIGVEAKLNRIPTLFGNDINSVLFTTQNQTPNRFKITDPNNRRYEVPHQ YVKEFTGPTVSDTLVDKVAQNPFISQVIRKSNGKTLFDTSIGPLVYSDQYLQISTRLP SDIYIGIGEQVHKRFRHDLWKTWPIFTRDQLPGDNNNNLYGHQTFFMCIEDTSGK SFGVFLMNSNAMEIFIQPTPIVITYRVTGGILDFYILLGDTPEQVVQQYQQLVGLPAMP AYWNLGFQLSRWNYKSLDVVKEVVRNRREAGIPFDTQVTDIDYMEDKKDFTYDQVA FNLGPQFVQDLHDHGQKYVILDPASIGRRANGTTYATYERGNTQHVVINESDGGST PIIGEVWPGLTVYPDFTNPCIDWWANECSEIFHQEVQYDGLWIDMNEVSSFIQGSTK

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GCNVNKLNYPPFTPDILDKLMYSKTICMDAVQNWGKQYDVHSLYGYSMAIATEQAV
 QKVFPNKRSFILTRSTFAGSGRHAHHLGDNTASWEQMEWSITGMLEFSLFGIPLV
 GADICGFVAETTEELCRRWMQLGAFYPFSRNHNSDGYEHQDPAFFGQNSLLVKSS
 RQYLTIITYTLPLFLYTLFYKAHVFGETVARPVLHEFYEDTNSWIEDTEFLWGPALLITP
 VLKQGADTVSAYIPDAIWYDYESGAKRPWRKQRVDMYLPADKIGLHLRGGYIPIQEP
 DVTTTASRKNPLGLIVALGENNTAKGDDFFWDDGETKDTIQNGNYILYTFVSNNLTLDI
 VCTHSSYQEGTTLAFQTVKILGLTDSVTEVRVAENNQPMNAHSNFTYDASNQVLLIA
 DLKLNLRNFSVQWSGGGSGGGSHHHHHHHHHH

Endotoxin <1.0 EU per 1g (determined by the LAL method).

Purity > 90% as determined by SDS-PAGE.

GENE INFORMATION

Official Symbol [SI](#)

Synonyms SI; sucrase-isomaltase (alpha-glucosidase); sucrase isomaltase; sucrase-isomaltase, intestinal; Oligosaccharide alpha 1; 6 glucosidase; oligosaccharide alpha-1,6-glucosidase; MGC131621; MGC131622;

Gene ID [6476](#)

mRNA Refseq [NM_001041](#)

Protein Refseq [NP_001032](#)

MIM [609845](#)

UniProt ID [P14410](#)

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