

Recombinant Human SI Transmembrane protein, His-tagged

Cat. No. SI-193H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SI protein(P14410)(2-1007aa), fused with C-terminal His tag, was expressed in in vitro E. coli expression system.
Species	Human
Source	E.coli
ProteinLength	2-1007aa
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	115.2 kDa
AA Sequence	MARKKFSGLEISLIVLFVIVTIIAIALIVVLATKTPAVDEISDSTSTPATTRVTTNPSDSGK CPNVLNDPVNVRINCIPEQFPTEGICAQRGCCWRPWNDLIPWCFFVDNHGYNVQD MTTTSIGVEAKLNRIPSPTLFGNDINSVLFTTQNQTPNRRFRFKITDPNNRRYEVPHQY VKEFTGPTVSDTLVDKVAQNPFISIQVIRKSNGKTLFDTSIGPLVYSDQYLQISTRIPS DYIYGIGEQQVHKRFRHDLWKTWPIFTRDQLPGDNNNNLYGHQTFMCIEDTSGKS FGVFLMNSNAMEIFIQPTPIVITYRVTGGILDFYILLGDTPEQVVQQYQQVLVGLPAMPA YWNLGFQLSRWNYKSLDVVKEVVRNRREAGIPFDTQVTDIDYMEDKKDFTYDQVAF NGLPQFVQDLHDHGQKYVILDPASIGRRANGTTYATYERGNTQHWINESDGSTPI IGEVWPGLTVYPDFTPNPNCIDWWANECSEIFHQEVQYDGLWIDMNEVSSFIQGSTKG

 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

CNVNKLNYPPFTPDILDKLMYSKTCMDAVQNWGKQYDVHSLYGYSMIAIEQAVQ
 KVFPNKRSFILTRSTFAGSGRHAHHLGDNTASWEQMEWSITGMLEFSLFGIPLVG
 ADICGFVAETTEELCRRWMQLGAFYPFSRNHNSDGYEHQDPAFFGQNSLLVKSSR
 QYLTIRYTLPLFLYTLFYKAHVGETVARPVLHEFYEDTNSWIEDTEFLWGPALLITPV
 LKQGADTVSAYIPDAIWYDYESGAKRPWRKQRVDMYLPADKIGLHLRGGYIPIQEP
 DVTTTASRKNPLGLIVALGENNTAKGDFFWDDGETKDTIQNGNYILYTFVSNNLTLDI
 VCTHSSYQEGTTLAFQTVKILGLTDSVTEVRVAENNQPMNAHSNFTYDASNQVLLIA
 DLKLNLRNFSVQWNQIFSENERFNCYPDADLATEQKCTQRGCVWRTGSSLSKAP
 ECYFPRQDNSYSVNSARYSSMGITADLQLNTANAR

Purity Greater than 90% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

Reconstitution 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.

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; oligosaccharide alpha-1,6-glucosidase; MGC131621; MGC131622;

Gene ID [6476](#)

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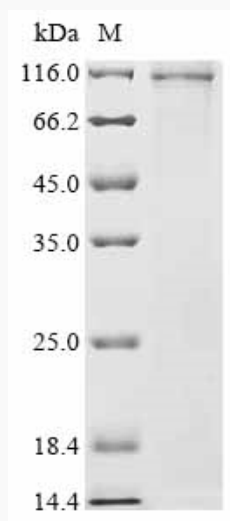
mRNA Refseq [NM_001041](#)

Protein Refseq [NP_001032](#)

MIM [609845](#)

UniProt ID [P14410](#)

SDS-PAGE



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