

Product Datasheet

Human Sucrase-isomaltase, intestinal Protein (orb1476766)

Description

Recombinant Human Sucrase-isomaltase, intestinal(SI),partial

Endotoxins

Not test.

Preservatives

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.

Form/Appearance

Liquid or Lyophilized powder

Storage

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.

Tag

C-terminal 6xHis-tagged

Note

For research use only

Application notes

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. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Protein Sequence

MARKKFSGLEISLIVLFVIVTIIAIALIVVLATKTPAVDEISDSTSTPATTRVTTNPSDS
GKCPNVLNDPVNVNRINCIPEQFPTEGICAQRGCCWRPWNDLIPWCFFVDNHGY
NVQDMTTTSIGVEAKLNRIPTLFGNDINSVLFTTQNTQPNRFRKITDPNNRRY
EVPHQYVKEFTGPTVSDTLVDKVAQNPFISQVIRKSNKGLFDTSIGPLVSDQY
LQISTRLPDSYIYGIGEQVHKRFRHDLWKTWPIFTRDQLPGDNNNNLYGHQTFF
MCIEDTSGKSGFVFLMNSNAMEIFIQPTPIVYRTVGILDFYILLGDTPEQVVQQ
YQQLVGLPAMPAYWNLGFLSRWNYKSLDVKVKEVRRNRREAGIPFDQVTDID
YMEDKKDFTYDQVAFNGLPQFVQDLHDHGQKYVILDPASIGRRANGTTYATYE
RGNTQHVWINESDGSTPIIGEVWPGLTVYPDFTNPNCIDWWANESIFHQEVQY
DGLWIDMNEVSSFIQGSGTKGCNVNKLNYPPFTPDILDKLMYSKTICMDAVQNWG
KQYDVHSLYGYSMIAIEQAVQKVFNPKNRSFILTRSTFAGSGRHAHHLGDNTA
SWEQMEWSITGMLEFSLFGIPLVGADICGFAETTEELCRRWMQLGAFYPFSRN
HNSDGYEHQDPAFFGQNSLLVKSSRQYLTIYTLPLFLYTLFYKAHVFGETVARPV
LHEFYEDTNSWIEDTEFLWGPALLITPVLKQGADTVSAYIPDAIWYDYESGAKRP
WRKQRVDMYLPADKIGLHLRGGYIPIQEPDVTTTASRKNPLGLIVALGENNTAK
GDFFWDDGETKDTIQNGNYILYTFVSNNNTLDIVCTHSSYQEGTTLAFQTVKILGL
TDSVTEVRVAENNQPMNAHSNFTYDASNQVLLIADLKLNLGRNFSVQWNQIFSE
NERFNCYPDADLATEQKCTQRGCVWRTGSSLSKAPECYFPRQDNSYSVNSARY
SSMGITADLQLNTANAR

Purity

Greater than 90% as determined by SDS-PAGE.

Source

in vitro E.coli expression system

MW

115.2 kDa

Uniprot ID
P14410