

Sucrose synthase 1 Recombinant Protein | SH-1 recombinant protein

Recombinant Zea mays (Maize) Sucrose synthase 1

CATALOG # AAA114375	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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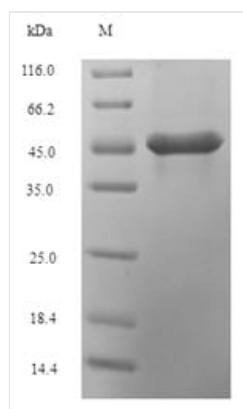
PRODUCT SYNONYMS

Sucrose synthase 1; Recombinant Zea mays (Maize) Sucrose synthase 1; Shrunken-1; Sucrose-UDP glucosyltransferase 1; SH-1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	555-802aa; Partial
Sequence	NSEHKFVLKD KKKPIIFSMA RLDRVKNMTG LVEYMGKNAR LRELANLVIV AGDHGKESKD REEQAEFKKM YSLIDEYKLK GHIRWISAQM NRVNGELYR YICDTKGAFV QPAFYEAFLG TVIESMTCGL PTIATCHGGP AEIIVDGVSG LHIDPYHSDK AADILVNFFD KCKADPSYWD EISQGGLQRI YEKYTWKLYS ERLMTLTGVY GFWKYVSNLE RRETRYIEM FYALKYRSLA SQVPLSFD
Sequence Length	802
Species	Zea mays (Maize)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for SH-1 recombinant protein	Sucrose-cleaving enzyme that provides UDP-glucose and fructose for various metabolic pathways. Most active in the sink tissues where it is responsible for the breakdown of the arriving sucrose.
References	"Structure of the sucrose synthase gene on chromosome 9 of Zea mays L." Werr W., Frommer W.-B., Maas C., Starlinger P. EMBO J. 4:1373-1380(1985)

NCBI AND UNIPROT INFORMATION

NCBI GI #	162460741
NCBI GeneID	542365
NCBI Accession #	NP_001105411.1
NCBI GenBank Nucleotide #	NM_001111941.1
UniProt Accession #	P04712
Molecular Weight	44.8 kDa
NCBI Official Full Name	sucrose synthase 1
NCBI Official Symbol	SH-1
NCBI Official Synonym Symbols	GRMZM2G089713
NCBI Protein Information	sucrose synthase 1
UniProt Protein Name	Sucrose synthase 1
UniProt Gene Name	SH-1
UniProt Entry Name	SUS1_MAIZE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/sh-1-recombinant-protein-e-coli/114375>