



Recombinant Arabidopsis thaliana Bidirectional sugar transporter SWEET8 (SWEET8)

Product Code	CSB-EP853927DOA-B
Abbreviation	SWEET8
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.
Uniprot No.	Q8LFH5
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	MVDAKQVRFIIGVIGNVISFGLFAAPAKTFWRIFKKKSVEEFSYVPYVATVMNC MLWVFY GLPVVHKDSILVSTINGVGLVIELFYVGVYLMYCGHKKNHRRNILGFLALEVILV VAIIL ITLFALKGDFVKQTFVGVICDVFNIA MYGAPSLAIKVVKTKSVEYMPFLLSLVCF VNAG IWTYSLIFKIDYYVLASNGIGTFLALSQILIVYFMYKSTPKEKTVKPSEVEISATE RV
Source	E.coli
Target Names	SWEET8
Protein Names	Recommended name: Bidirectional sugar transporter SWEET8 Short name= AtSWEET8 Alternative name(s): Protein RUPTURED POLLEN GRAIN 1
Expression Region	1-239
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
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. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	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.