





Recombinant Zea mays (Maize) Sucrose synthase 1(SH-1),partial

Product Code CSB-EP361346ZAX Relevance 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. 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. The shelf life of lyophilized form is 12 months at -20°C/-80°C. Uniprot No. P04712 Storage Buffer Tris-based buffer,50% glycerol Alias Shrunken-1 Sucrose-UDP glucosyltransferase 1 Product Type Recombinant Protein Species Zea mays (Maize) Purity Greater than 90% as determined by SDS-PAGE. Sequence NSEHKFVLKDKKKPIIFSMARLDRVKNMTGLVEMYGKNARLRELANLVIVAGDH GKESKDREEQAEFKKMYSLIDEYKLKGHIRWISAQMNRVRNGELYRYICDTKG AFVQPAFYEAFGLTVIESMTCGLPTIATCHGGPAEIIVDGVSGLHIDPYHSDKAA DILVVHFDKCKADPSYWDEISQGGLQRIYEKYTWKLYSERLMTLTGVYGFWKY VSNLERRETRRYIEMFYALKYRSLASQVPLSFD Research Area Others Source E.coli Gene Names SH-1 Expression Region 555-802aa Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.		
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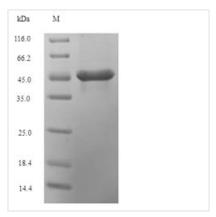


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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.