Claims

1. Granules comprising
   A) at least one enzyme selected from isomaltulose synthase of EC 5.4.99.11,
   B) at least one polymer selected from C_1-C_{10}-alkyl acrylate polymer, C_1-C_{10}-alkyl methacrylate polymer and C_1-C_{10}-alkyl acrylate-C_1-C_{10}-alkyl methacrylate copolymer, preferably C_1-C_{10}-alkyl acrylate-C_1-C_{10}-alkyl methacrylate copolymer and
   C) at least one inorganic carrier material.

2. Granules according to Claim 1, wherein the isomaltulose synthase is selected from the group YP_002235756.1, WP_006325065.1, WP_012540141.1, WP_004157672.1, CCO82510.1, CCO82509.1, CCO78715.1, EKF64560.1, AAP57084.1, AAP57083.1, ACI12079.1 and ACF42098.1, and proteins with a polypeptide sequence in which up to 60% of the amino acid radicals are modified compared to the aforementioned reference sequences by deletion, insertion, substitution or a combination thereof.

3. Granules according to at least one of the preceding claims, wherein the isomaltulose synthase is present in the form of whole-cell catalysts or in the form of disrupted cells.

4. Granules according to at least one of the preceding claims, wherein the polymer has a mass-average molecular weight of about 100 000 to 1 500 000 g/mol, preferably 500 000 to 1 000 000 g/mol.

5. Granules according to at least one of the preceding claims, wherein the polymer is ethyl acrylate/methyl methacrylate copolymer, preferably poly(ethyl acrylate-co-methyl methacrylate) 2:1.

6. Granules according to at least one of the preceding claims, wherein the inorganic carrier material is selected from silicas, in particular precipitated silicas and aluminium silicates, in particular zeolites, with precipitated silicas being preferred.

7. Granules according to at least one of the preceding claims, wherein, based on the total granules,
   B) is present in an amount of from 0.1% by weight to 80% by weight and
   C) is present in an amount of from 20% by weight to 95% by weight.

8. Granules according to at least one of the preceding claims, wherein they have a specific activity of 1 to 1000 U, based on the weight of the total granules.

9. Process for producing granules comprising the process steps
   1) provision
      of at least one isomaltulose synthase of EC 5.4.99.11,
      at least one polymer selected from C_1-C_{10}-alkyl acrylate polymer, C_1-C_{10}-alkyl methacrylate polymer and C_1-C_{10}-alkyl acrylate-C_1-C_{10}-alkyl methacrylate copolymer, preferably C_1-C_{10}-alkyl acrylate-C_1-C_{10}-alkyl methacrylate copolymer and
      at least one inorganic carrier material,
   2) production of a dough containing the components of process step 1) and
   3) granulation of the dough.

10. Process according to Claim 9, wherein in process step 3) the granulation takes place by extrusion, mixer granulation, fluidized-bed granulation, pan agglomeration, spray agglomeration, spray granulation or compaction.