# Recombinant Bacillus sp. Levanase, partial

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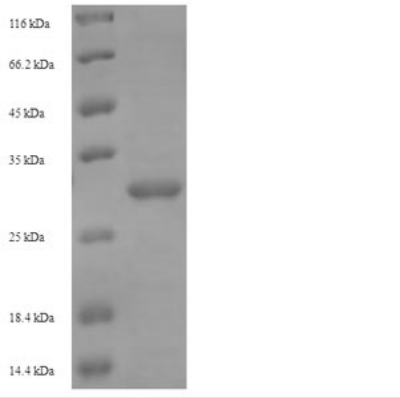
| **Product Code** | CSB-EP523248BRG |
| **Relevance** | Catalyzes the hydrolysis of levan with endo-type specificity. The products of levan hydrolysis are a mixture of fructose and a series of fructooligosaccharides up to 12-mer, with levantriose being the major oligosaccharide obtained. Is not active towards 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. |
| **Uniprot No.** | O31411 |
| **Alias** | 2,6-beta-D-fructan fructanohydrolase Endo-levanase |
| **Product Type** | Recombinant Protein |
| **Immunogen Species** | Bacillus sp. (strain L7) |
| **Purity** | Greater than 90% as determined by SDS-PAGE. |
| **Sequence** | LPWNDLGHVWSGSAVADTTNASGLFGSSGGKGLIAYYTSYNPDRHNGNQKIG LAYSTDRGRTWKYSEEHPVVIENPGKTGEDPGGWDFRDPKVVRDEANNRWV MVVSGGDHIRLFTSTNLLNWTLTDQF |
| **Lead Time** | 3-7 business days |
| **Research Area** | Others |
| **Source** | E.coli |
| **Expression Region** | 451-579aa |
| **Notes** | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| **Tag Info** | N-terminal 6xHis-SUMO-tagged |
| **Mol. Weight** | 30.3kDa |
| **Protein Description** | Partial |
| **Image** | |




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

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| **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. |