

Abstract

NOVEL ENDOS MUTANT ENZYME

The present invention provides an EndoS mutant enzyme having an amino acid sequence of EndoS D233Q and further having a particular additional mutation and exhibiting a reduced hydrolysis activity, in comparison with the activity of EndoS D233Q, to an N-linked sugar chain (N297-linked sugar chain) linked to Asn at position 297 in IgG and a gene encoding the same.

Figure for publication: None