[CLAIMS]

[Claim 1]

A microorganism of the genus *Corynebacterium* producing 5′-inosine monophosphate, with an enhanced activity of a protein consisting of the amino acid sequence of SEQ ID NO: 1 or 2.

[Claim 2]

The microorganism according to claim 1, wherein the microorganism of the genus *Corynebacterium* producing 5′-inosine monophosphate is *Corynebacterium stationis*.

[Claim 3]

A method for preparing 5′-inosine monophosphate, comprising culturing the microorganism of the genus *Corynebacterium* of claim 1 in a medium; and recovering 5′-inosine monophosphate from the microorganism or medium.

[Claim 4]

The method according to claim 3, wherein the microorganism of the genus *Corynebacterium* producing 5′-inosine monophosphate is *Corynebacterium stationis.*