[CLAIMS]

[Claim 1]

A protein variant exporting 5′-inosine monophosphate, wherein the 164th amino acid in the amino acid sequence of SEQ ID NO: 1 is substituted with another amino acid.

[Claim 2]

The protein variant according to claim 1, wherein the 164th amino acid in the amino acid sequence of SEQ ID NO: 1 is substituted with an amino acid selected from the group consisting of lysine, arginine, asparagine, glycine, threonine, and proline.

[Claim 3]

A polynucleotide encoding the protein variant of claim 1 or 2.

[Claim 4]

A vector comprising the polynucleotide of claim 3.

[Claim 5]

A microorganism of the genus *Corynebacterium* producing 5′-inosine monophosphate, which comprises the protein variant of claim 1 or 2; or a vector comprising the polynucleotide encoding the protein variant of claim 1 or 2.

[Claim 6]

The microorganism of the genus *Corynebacterium* according to claim 5, wherein the microorganism of the genus *Corynebacterium* is *Corynebacterium stationis*.

[Claim 7]

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

[Claim 8]

The method according to claim 7, wherein the microorganism of the genus *Corynebacterium* is *Corynebacterium stationis*.