

Genus *Magnetominusculus*

Etymology

[Mag.ne.to.mi.nus'cu.lus] **Gr. n.** *magnes*, magnet; **N.L. pref.** *magneto-*, pertaining to a magnet; **L. adj. masc.** *minusculus*, rather less, rather small; **N.L. masc. n.** *Magnetominusculus*, a rather small magnetic organism

Nomenclatural type

Species *Magnetominusculus dajiuhuensis*^{Ts}

Description

Magnetosome-bearing bacterium. The name reflects the characteristics of the organism, where "magneto" refers to its magnetic properties, specifically its ability to produce magnetosomes, and "minusculus" suggests its small size

Classification

Bacteria » *Nitrospirota* » *Thermodesulfovibrionia* » *Thermodesulfovibrionales* » *Magnetobacteriaceae* » *Magnetominusculus*

References

Effective publication: Goswami et al., 2025 [1]
Original (not valid) publication: Lin et al., 2017 [2]

Registry URL

<https://seqco.de/i:42433>

References

1. Goswami et al. (2025). Genomic and metabolic characterisation of a novel species *Magnetominusculus dajiuhuensis* DJH-1Ts sp. nov. from an acidic peatland. *Systematic and Applied Microbiology*. [DOI:10.1016/j.syapm.2025.126605](https://doi.org/10.1016/j.syapm.2025.126605)
2. Lin et al. (2017). Origin of microbial biomineralization and magnetotaxis during the Archean. *Proceedings of the National Academy of Sciences*. [DOI:10.1073/pnas.1614654114](https://doi.org/10.1073/pnas.1614654114)