CLAIMS

1. An aluminum alloy for casting that consists of 1.0 to 10.0 mass% of Ni, 8.01 to 18.0 mass% of Cu, and a balance that is Al and an inevitable impurity/impurities.

2. The aluminum alloy for casting according to claim 1, wherein a content of Ni is 3.0 to 10.0 mass%.

3. The aluminum alloy for casting according to claim 1 or 2, wherein a content [Cu] of Cu and a content [Ni] of Ni satisfy a following condition (1)

$$10.0 \leq [Cu] + 0.87[Ni] \leq 23.5 \quad . \ . \ . \ (1).$$

4. An aluminum alloy for casting that consists of 1.0 to 10.0 mass% of Ni, 8.01 to 18.0 mass% of Cu, 5.0 to 20.0 mass% of Si, 0.01 to 3.0 mass% of Mg, and a balance that is Al and an inevitable impurity/impurities.

5. The aluminum alloy for casting according to claim 4, wherein a content of Si is 5.0 to 14.5 mass%.

6. The aluminum alloy for casting according to claim 4 or 5, wherein a content [Si] of Si, a content [Cu] of Cu, and a content [Ni] of Ni satisfy a following condition (2)

$$30.0 \leq [Si] + 0.94[Cu] + 2.02[Ni] \leq 42.5 \quad . \ . \ . \ (2).$$

7. An aluminum alloy for casting that consists of 1.0 to 10.0 mass% of Ni, 8.01 to 18.0 mass% of Cu, 5.0 to 20.0 mass% of Si, 0.01 to 3.0 mass% of Mg, 0.0001 to 0.1 mass% of P, and a balance that is Al and an inevitable impurity/impurities.

8. The aluminum alloy for casting according to any one of claims 1 to 7, wherein a content of Cu is 9.0 to 15.5 mass%.

9. An aluminum cast that is provided by using and casting the aluminum alloy for casting according to any one of claims 1 to 8.