ABSTRACT

Disclosed are a catalyst for producing methacrylic acid, which enables to produce methacrylic acid in a high yield through gas-phase catalytic oxidation of methacrolein with molecular oxygen, a method for producing the catalyst, and a method for producing methacrylic acid by use of the catalyst. Specifically, a catalyst for producing methacrylic acid containing molybdenum and phosphorus as catalyst components is produced by a method which comprises the steps of (1) adding organic binder (B1) to a mixture solution or slurry containing raw material compounds for the catalyst components followed by drying the resulting mixture; (2) kneading thus obtained dried materials, a liquid, and organic binder (B2); and (3) subjecting thus obtained kneaded materials to extrusion molding to obtain a molded article.