

## SUCCINYL-CoA SYNTHETASE (prokaryote)

08/23

**Recombinant****E-SCOAS****EC:** 6.2.1.5**Synonyms:** succinate-CoA ligase (ADP-forming); succinate:CoA ligase (ADP-forming)**CAS:** 9080-33-5

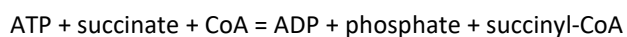
Refer to the product lot number Certificate of Analysis for lot specific properties.

**PROPERTIES****1. ELECTROPHORETIC PURITY:**

- Two bands ( $\alpha$  and  $\beta$  subunits) on SDS-gel electrophoresis (MW ~ 30,843 and ~ 41,393)
- One major band on isoelectric focusing (pI ~ 5.9)

**2. SPECIFICITY:**

Catalyses the following reaction:

**3. PHYSICOCHEMICAL PROPERTIES:**

Recommended conditions of use are at pH 8.4 and up to 25°C.

**4. STORAGE CONDITIONS:**

The enzyme is supplied as an ammonium sulphate suspension and should be stored at 4°C. For assay, this enzyme should be diluted in 100 mM glycylglycine buffer, pH 8.4 containing 10 mM  $\text{MgCl}_2$ . Swirl to mix the enzyme immediately prior to use.