

## MATERIAL DATA SHEET

### Rabbit Protein Fraction II

#### Cat. # F-360

Protein fraction from a cell extract that binds to an anion exchange resin. Essentially ubiquitin-free and ATP-free, FII contains E1, most E2s, some E3s, UCHs, and the proteasome (20S and 26S).

#### Product Information

<b>Quantity:</b>	5 mg
<b>Source:</b>	Rabbit erythrocytes
<b>Stock:</b>	Supplied as a solution in HEPES.

#### Use & Storage

<b>Use:</b>	Rabbit Reticulocyte Protein Fraction II can be used to demonstrate Ubiquitin- and ATP-dependent substrate degradation or conjugation. Reaction conditions will need to be optimized for each specific application. We recommend an initial Rabbit Reticulocyte Protein Fraction II concentration of 0.5-4 mg/mL. Additionally, we recommend the inclusion of an isopeptidase inhibitor and a proteasome inhibitor when investigating substrate conjugation.
<b>Storage:</b>	<b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b> <ul style="list-style-type: none"><li>• 6 months from date of receipt, -70 °C as supplied.</li><li>• 3 months, -70 °C under sterile conditions after opening.</li></ul>

#### Literature

##### References:

1. Hersko A. *et al.* (1982) J. Biol. Chem. **258**:8206-8214

***For research use only. Not for use in humans.***