MATERIAL DATA SHEET

MINDY-2/FAM63B, human recombinant
Cat. # E-620

MINDY-2/FAM63B is a member of a newly characterized cysteine protease family of deubiquitinases ("DUBs"). In humans, the MINDY (MIU containing novel DUB family) family has four members, with the additional three being MINDY-1/FAM63A, MINDY-3/FAM188A and MINDY-4/FAM188B. The catalytic domain of MINDY DUBs adopts a conformation that is distinct from other known DUB classes, and these enzymes are highly selective at cleaving K48-linked polyubiquitin chains. With a predicted molecular weight of 67 kDa, human MINDY-2 is 82% identical to both its murine and rat orthologs. This recombinant protein is untagged.

<table>
<thead>
<tr>
<th>Product Information</th>
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<tbody>
<tr>
<td><strong>Quantity:</strong> 50 µg</td>
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<tr>
<td><strong>Stock:</strong> X mg/ml (X µM) in 50 mM HEPES pH 7.5, 100 mM NaCl, 10% (v/v) Glycerol, 1 mM TCEP</td>
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<td><strong>MW:</strong> 67 kDa May run at a higher apparent MW on reducing SDS-PAGE gel</td>
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<td><strong>Source:</strong> E. coli</td>
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<td><strong>Purity:</strong> &gt; 95% by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie Blue stain</td>
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**Use & Storage**

**Use:** Recombinant Human MINDY-2 is a Ubiquitin-specific deconjugating enzyme that cleaves K48-linked polyubiquitin chains.

**Storage:** Store at -80°C. Avoid multiple freeze/thaw cycles.

**Literature**

**References:**

*For Laboratory Research Use Only, Not For Use in Humans*

Rev: 11/26/2018