MATERIAL DATA SHEET

Tetra-ubiquitin (mixed linkage), (Ub-K63-Ub-K48-Ub-K63-Ub))
Cat. # UCM-210

Tetra-Ub can be used to investigate mechanisms of binding and recognition by deubiquitinating enzymes, E3 ligases or other proteins that contain ubiquitin-associated domains (UBAs) or ubiquitin-interacting motifs (UIMs). Tetra-Ub is the minimal unit necessary for recognition by the 26S proteasome and contains structural characteristic (such as repeating hydrophobic patches) not present in di-Ub. This product is made with wild-type human recombinant ubiquitin and linkage-specific enzymes, which results in one K48-linkage between two K63-linkages.

<table>
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<tr>
<th>Product Information</th>
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<tbody>
<tr>
<td>Quantity: 25 µg, lyophilized powder</td>
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<tr>
<td>Solubility: Aqueous solutions up to 5 mg/ml</td>
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<td>Purity: &gt; 95% by SDS-PAGE</td>
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<td>MW: 34 kDa</td>
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<th>Use &amp; Storage</th>
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<tbody>
<tr>
<td>Use: Typical concentrations will depend on specific assay conditions and method of detection.</td>
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<td>Storage: Solubilized solution at –20°C. Avoid multiple freeze/thaw cycles.</td>
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<th>Literature</th>
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