# ZRANB1/Trabid, human recombinant

**Cat. # E-560**

Zinc Finger, RAN-binding Domain Containing 1 (ZRANB1), also known as TRAF-binding Domain-containing Protein (Trabid), is a C64 type peptidase and a member of the ovarian tumor (OTU) protein super-family with a predicted molecular weight of 81 kDa (1). The human protein shares 99% amino acid sequence identity with its mouse ortholog. ZRANB1 preferentially cleaves K29-, K33-, and K63-linked poly-Ubiquitin chains (2). It has been shown to play a role in the regulation of Wnt signaling via deubiquitination of APC (3,4). This recombinant protein contains a C-terminal 6-His tag.

## Product Information

<table>
<thead>
<tr>
<th>Quantity</th>
<th>50 µg</th>
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</thead>
<tbody>
<tr>
<td>Stock</td>
<td>X mg/ml (X µM) in 50 mM Hepes pH 8.0, 100 mM NaCl, 1 mM TCEP</td>
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<tr>
<td>MW</td>
<td>82 kDa</td>
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<tr>
<td>Purity</td>
<td>&gt; 95% by SDS-PAGE</td>
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## Use & Storage

**Use:** Typical enzyme concentration for use in vitro ranges from 0.1-1 µM depending on conditions and substrate.

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

## Literature

**References:**


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