**Data Sheet**

**DPP8**
Human, recombinant, N-terminal GST tag

**Catalog #:** 80080  
**Lot#:** 120827-GC  
**Conc.:** 1.12 mg/ml

**Formulated in:** 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, and 20% glycerol.

**Stability:** >6 months at –80°C

**References:**

**Description:** Human DPP8 (Dipeptidyl-peptidase 8) (GenBank Accession No. NM_197960), (full length) with N-terminal GST tag, MW=129.3 kDa, expressed in a Baculovirus infected Sf9 cell expression system.

**Specific Activity:** 1,100 pmol/ min/µg

**Assay Conditions:** Ala-Pro-AMC (20 mM) was used as a substrate. Reaction was done in a buffer containing 10 mM Tris (pH 7.4), 10 mM MgCl$_2$, 0.05 % Tween-20 and 20 µM substrate for 10 minutes at room temperature.

**Application:** Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

**Quality Assurance**

**4-20% SDS-PAGE**

**Coomassie staining**

<table>
<thead>
<tr>
<th>Lane</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>2 µg DPP8</td>
</tr>
<tr>
<td>2</td>
<td>Protein Marker</td>
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</tbody>
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**Fluorescence vs. ng**

**Lane 1:** 2 µg DPP8

**Lane 2:** Protein Marker

**MW:** 129.3 kDa.  
**Purity:** ≥80%