6042 Cornerstone Court West, Suite B
San Diego, CA 92121
Tel: 1.858.829.3082
Fax: 1.858.481.8694
Email: info@bpsbioscience.com

Data Sheet

DPP4, His-Tag

Human, Recombinant, C-terminal His tag
Catalog #: 80040
Lot #: 170710-1 **Conc.:** 0.22 mg/ml

Formulated in: 45 mM Tris-HCl pH 8.0, 124 mM NaCl, 2.4 mM KCl, 225 mM Imidazole and 10% glycerol

Stability: At least 6 months at –80°C. Avoid freeze/thaw cycles. Protein may be diluted to ≥ 100 µg/ml in PBS + glycerol and stored at -80°C.

References:

1. Deacon, C.F., *et al. Front Biosci*. 2008 Jan 1;**13:**1780-94.
2. Langley, A.K., *et al. Pharmacotherapy*. 2007 Aug;**27(8):**1163-80.

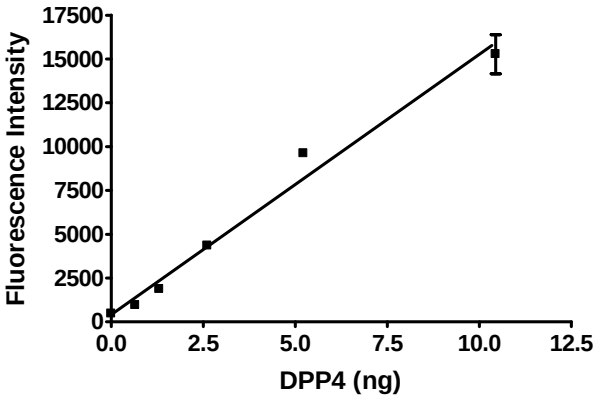
Description: Human DPP4 (GenBank Accession No. NM_001935), (amino acids 29-end) with C-terminal His tag, MW=87 kDa, expressed in a Baculovirus infected Sf9 cell expression system.

Specific Activity: 8000 pmol/min/µg. Assay Conditions: 10 mM Tris-HCl, pH 7.4, 10mM MgCl2, 0.05% Tween 20, and 20µM DPP substrate 1. Incubate for 15 minutes at room temperature. Fluorescence intensity is measured at exc360/em460.

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

Quality Assurance

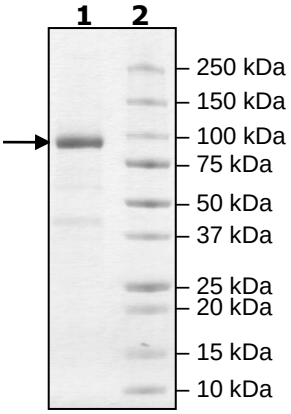
DPP4 Specific Activity



4-20% SDS-PAGE
Coomassie staining

Lane 1:
2 µg DPP4
Lane 2:
Protein Marker

MW: 87 kDa
Purity: ≥90%



OUR PRODUCTS ARE FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

To place your order, please contact us by Phone **1.858.829.3082** Fax **1.858.481.8694**
Or you can Email us at: **info@bpsbioscience.com**
Please visit our website at: **www.bpsbioscience.com**