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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

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 $\geq 100 \mu\text{g/ml}$ in PBS + glycerol and stored at -80°C .

References:

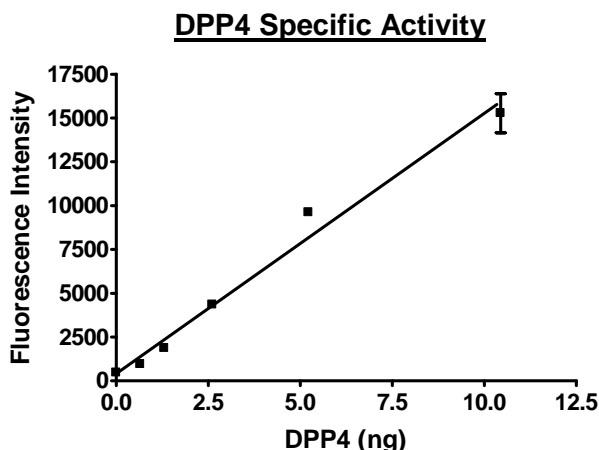
1. Deacon, C.F., *et al. Front Biosci.* 2008 Jan 1;**13**:1780-94.
2. Langley, A.K., *et al. Pharmacotherapy.* 2007 Aug;**27(8)**:1163-80.

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 20 μM 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.

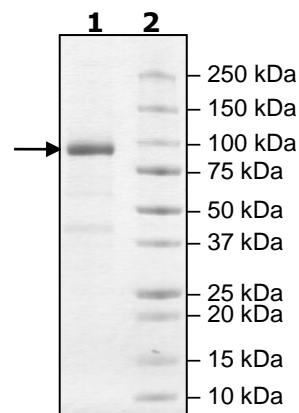
Quality Assurance



4-20% SDS-PAGE
Coomassie staining

Lane 1:
 2 μg DPP4
Lane 2:
 Protein Marker

MW: 87 kDa
Purity: $\geq 90\%$



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