

Product datasheet

Recombinant human DPP8 protein ab79662

[1 References](#) [3 Images](#)

Description

Product name	Recombinant human DPP8 protein
Biological activity	Specific Activity: 22.4 pmol/min/μg.
Purity	> 80 % SDS-PAGE. Affinity purified.
Expression system	Baculovirus infected Sf9 cells
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human

Specifications

Our **Abpromise guarantee** covers the use of **ab79662** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Functional Studies SDS-PAGE Western blot
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.0462% (R*,R*)-1,4-Dimercaptobutan-2,3-diol, 0.395% Tris HCl, 0.05% Tween, 50% Glycerol (glycerin, glycerine), 0.58% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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General Info

Function	Dipeptidyl peptidase that cleaves off N-terminal dipeptides from proteins having a Pro or Ala
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residue at position 2. May play a role in T-cell activation and immune function.

Tissue specificity

Ubiquitously expressed, with highest levels in testis, placenta, prostate, muscle and brain.

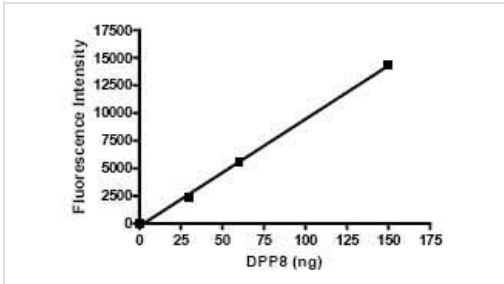
Sequence similarities

Belongs to the peptidase S9B family. DPPIV subfamily.

Cellular localization

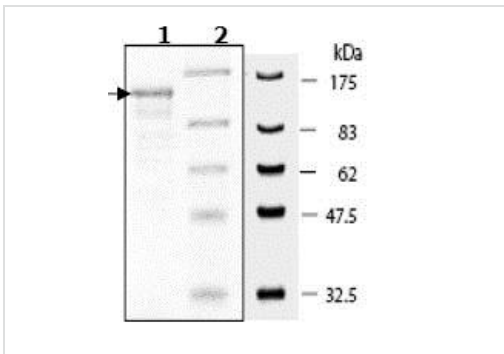
Cytoplasm.

Images



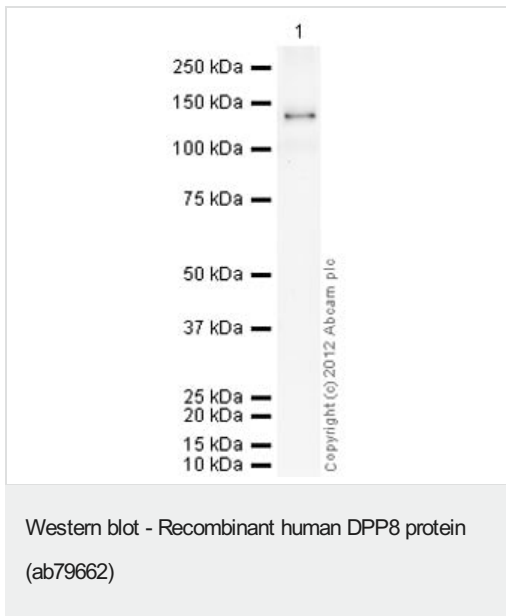
Specific Activity 22.4 pmol/min/μg. Determined using 10 μM Ala-Pro-AMC substrate.

Functional Studies - Recombinant human DPP8 protein (ab79662)



SDS-PAGE showing ab79662 at approximately 129kDa (4μg).

SDS-PAGE - Recombinant human DPP8 protein (ab79662)



Anti-DPP8 antibody (**ab96470**) at 1/1000 dilution + Recombinant human DPP8 protein (ab79662) at 0.01 μ g

Secondary

Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (**ab97080**) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Exposure time: 3 minutes

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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