

Product datasheet

Recombinant human DPP2 protein ab79660

2 Images

Description

Product name	Recombinant human DPP2 protein
Biological activity	Specific Activity: 1882 pmol/min/μg.
Expression system	Baculovirus infected Sf9 cells
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Amino acids	26 to 492

Specifications

Our [Abpromise guarantee](#) covers the use of **ab79660** 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
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: 0.395% Tris HCl, 0.05% Tween, 10% Glycerol, 0.754% 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

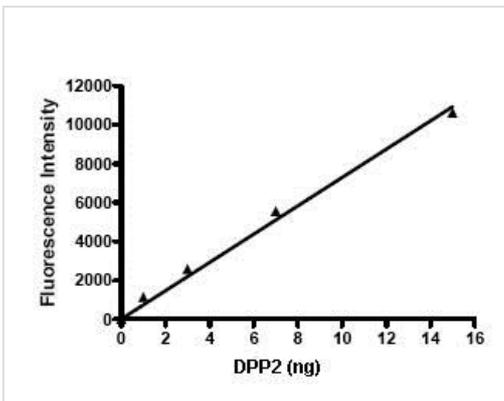
Relevance	DPP2 is a serine protease found most abundantly in the lysosome. There is also a non-lysosomal membrane-associated form of DPP2 reported in the rat brain (DPP-II-M), and a soluble form (DPP-II-S). First discovered as an enzyme involved in the terminal steps of protein degradation, and later as an enzyme involved in cell growth and quiescence, DPP2 cleaves N-terminal
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dipeptides and tripeptides from proteins. DPP2 has a preference for proline in the P1 position, and processes the tripeptides generated by DPP1 (which is unable to cleave if proline is in the P1 position). Some tumor cell lines express elevated DPP2 levels, and serum levels of DPP2 are elevated in some cancer patients, making DPP2 a potential tumor marker. DPP2 levels have also been reported to be elevated in the cerebral spinal fluid from Parkinson's patients.

Cellular localization

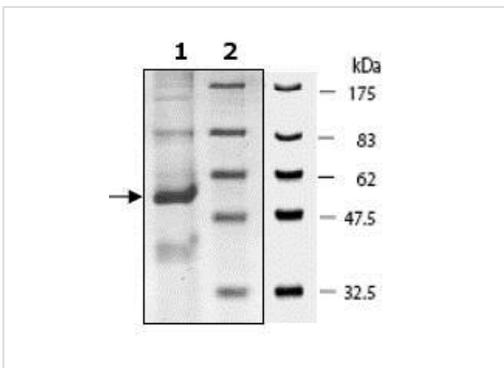
Lysosome. Cytoplasmic vesicle. Secreted.

Images



Specific Activity 1882 pmol/min/μg. Determined using 20 μM Ala-Pro-AMC substrate.

Functional Studies - Recombinant human DPP2 protein (ab79660)



SDS-PAGE showing ab79660 at approximately 52.5kDa (4μg).

SDS-PAGE - Recombinant human DPP2 protein (ab79660)

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

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