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Human CellExp DPPII / QPP / DPP7, human recombinant protein

DPPII, QPP, DPP7, DPP2, Dipeptidyl peptidase 2, Dipeptidyl aminopeptidase II
Catalog # PBV11131r

Specification

Human CellExp DPPII / QPP / DPP7, human recombinant protein - Product info

Primary Accession	Q9UHL4
Calculated MW	**This protein is fused with polyhistidine tag at the C-terminus, has a calculated MW of 53 kDa. The predicted N-terminus is Gly 22. DTT-reduced Protein migrates as 60-66 kDa due to glycosylation. KDa**

Human CellExp DPPII / QPP / DPP7, human recombinant protein - Additional Info

Gene ID	**29952**
Gene Symbol	**DPP7**

Other Names
DPPII, QPP, DPP7, DPP2, Dipeptidyl peptidase 2, Dipeptidyl aminopeptidase II

Gene Source	**Human**
Source	**HEK293 cells**
Assay&Purity	**SDS-PAGE; ≥95%**
Assay2&Purity2	**N/A;**
Recombinant	**Yes**
Results	**>4000 pmol/min/ µg.**

Target/Specificity
DPPII / QPP / DPP7

Application Notes
Centrifuge the vial prior to opening. Reconstitute in PBS, pH 7.4. Do not vortex.

Format
Lyophilized

Storage
-20°C; Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 150 mM NaCl, pH 7.5. Normally Mannitol or Trehalose are added as protectants before lyophilization.

Human CellExp DPPII / QPP / DPP7, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence

- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Human CellExp DPPII / QPP / DPP7, human recombinant protein - Images

Human CellExp DPPII / QPP / DPP7, human recombinant protein - Background

Dipeptidyl peptidase 2 (DPP2 or DPP II) is also known as Dipeptidyl peptidase 7 (DPP7), Quiescent cell proline dipeptidase (QPP), which belongs to the peptidase S28 family. DPP7 / DPP2 is detected in seminal plasma (at protein level). When the pH is 5.5, Dipeptidyl peptidase 2 displays an optimum catalytic activity. DPP7 has low activity at pH 7 and is inactive at pH 8. DPP7 plays an important role in the degradation of some oligopeptides.

Human CellExp DPPII / QPP / DPP7, human recombinant protein - References

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